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Par M. Théodore OLIVIER,

Ancien élève de l'École polytechnique et ancien Officier d'artillerie ; Docteur ès sciences de la Faculté de Paris;
Ancien professeur adjoint de l'École d'application de l'artillerie et du génie à Metz;
Ancien répétiteur à l'École polytechnique; Professeur de géométrie descriptive au Conservatoire des arts et métiers;
Professeur-fondateur de l'École centrale des arts et manufactures;
Membre honoraire de la Société philomatique de Paris et du Comité des arts mécaniques de la Société d'encouragement pour l'industrie nationale;
Membre étranger des deux Académies royales des sciences et des sciences militaires de Stockholm;
Membre correspondant de la Société royale des sciences de Liége et de la Société d'agriculture et arts utiles de Lyon,
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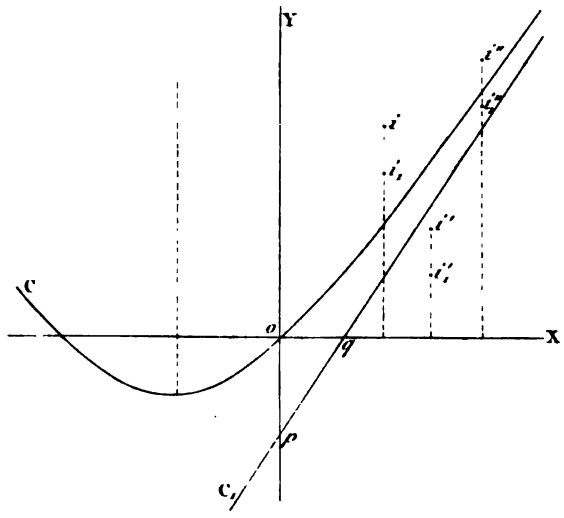

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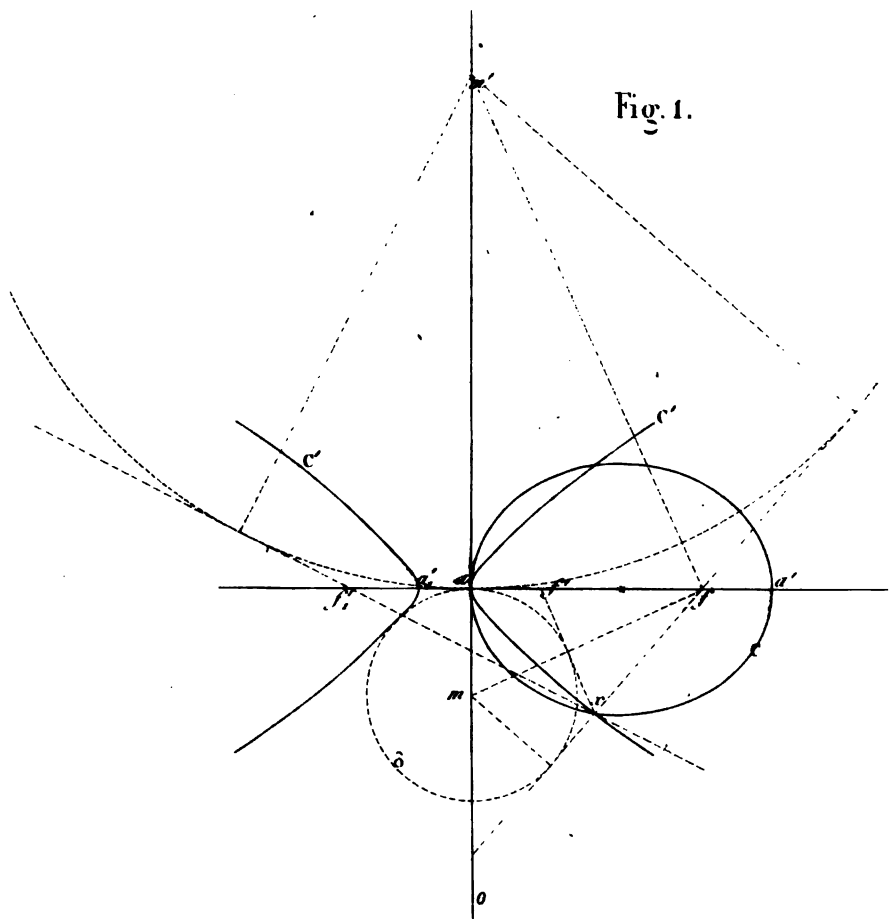

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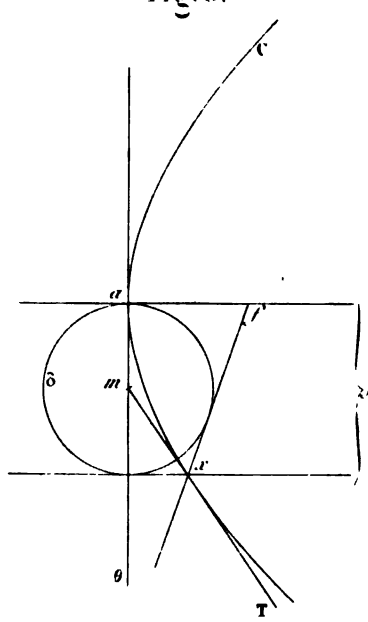

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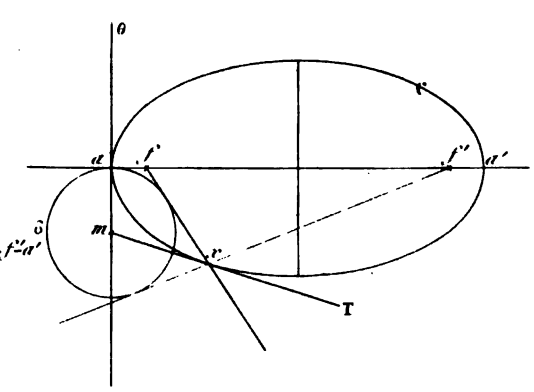

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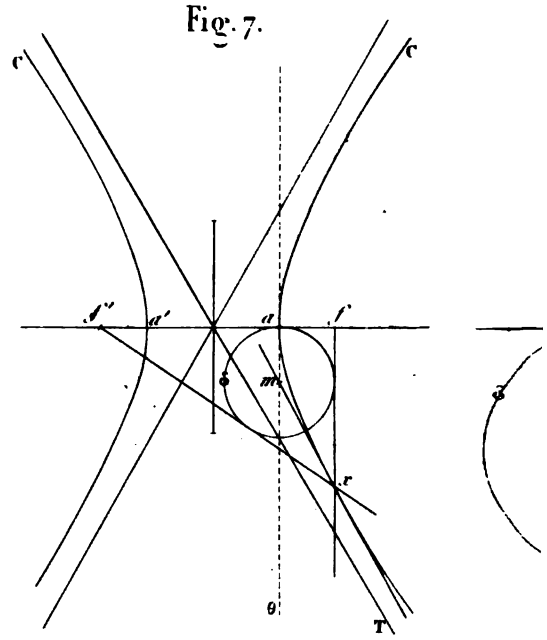

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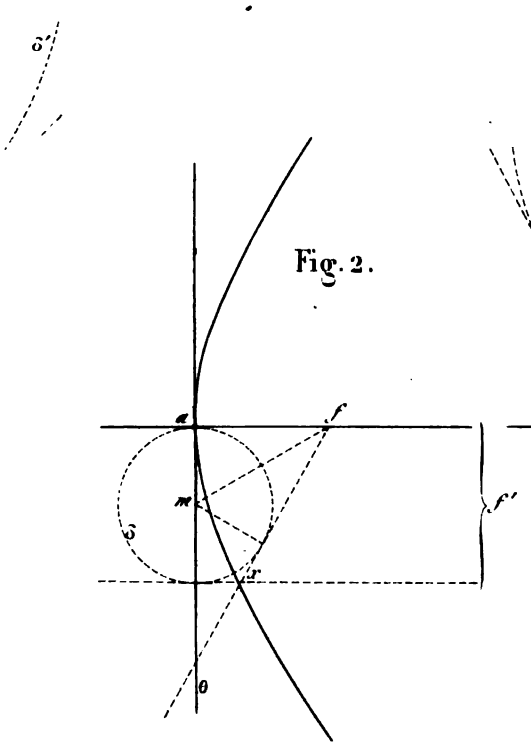

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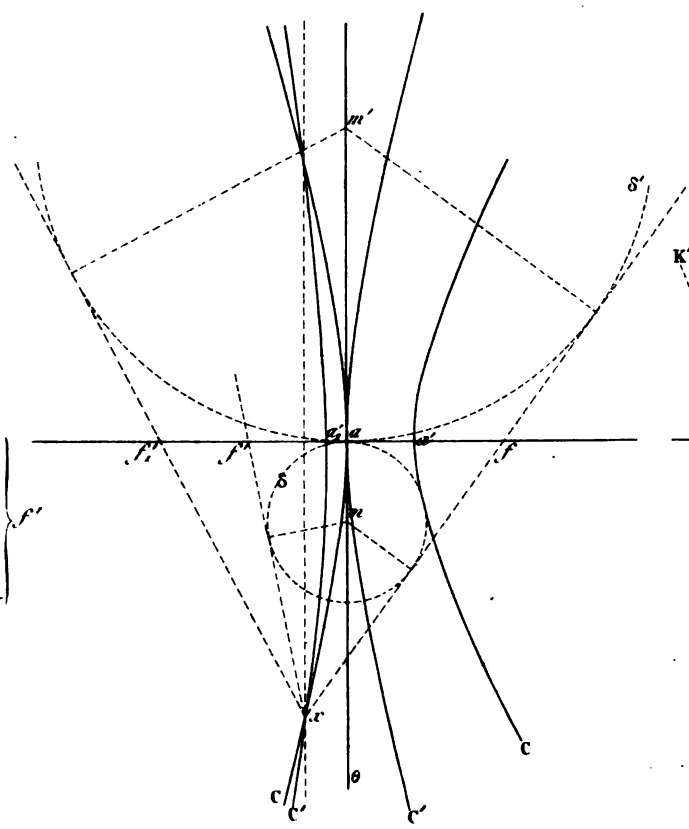

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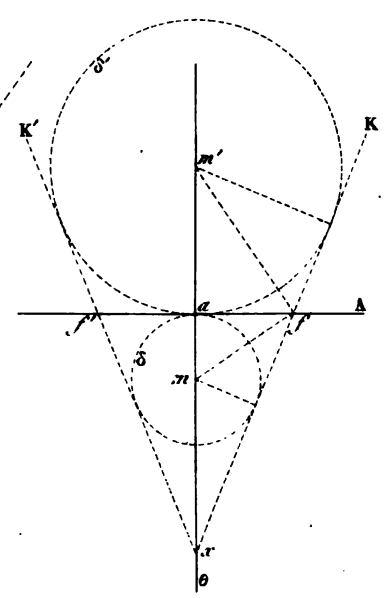

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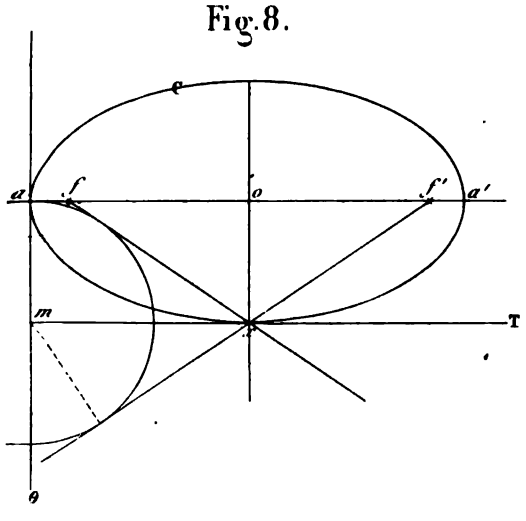

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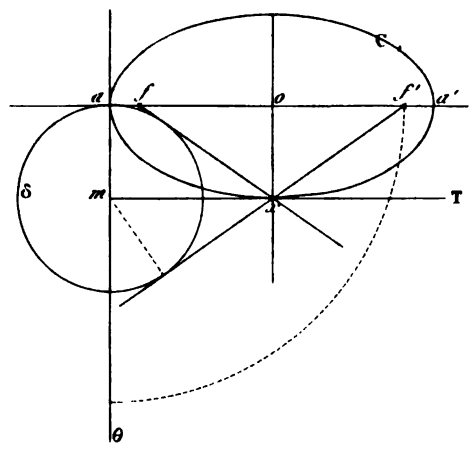

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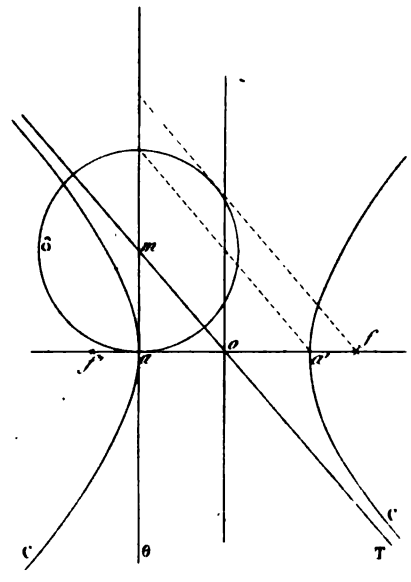

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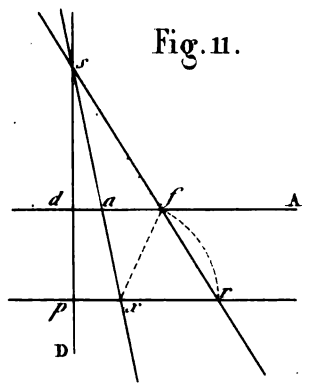

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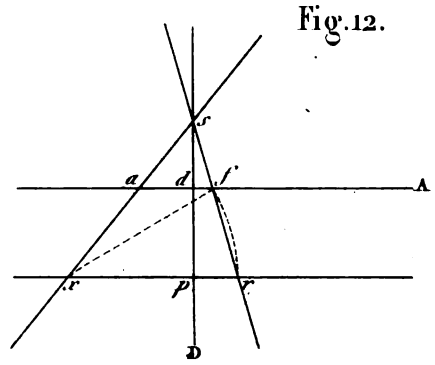

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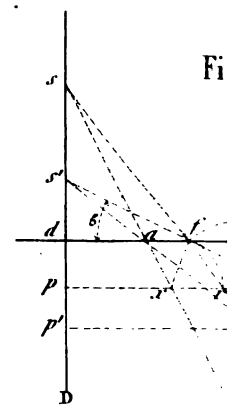

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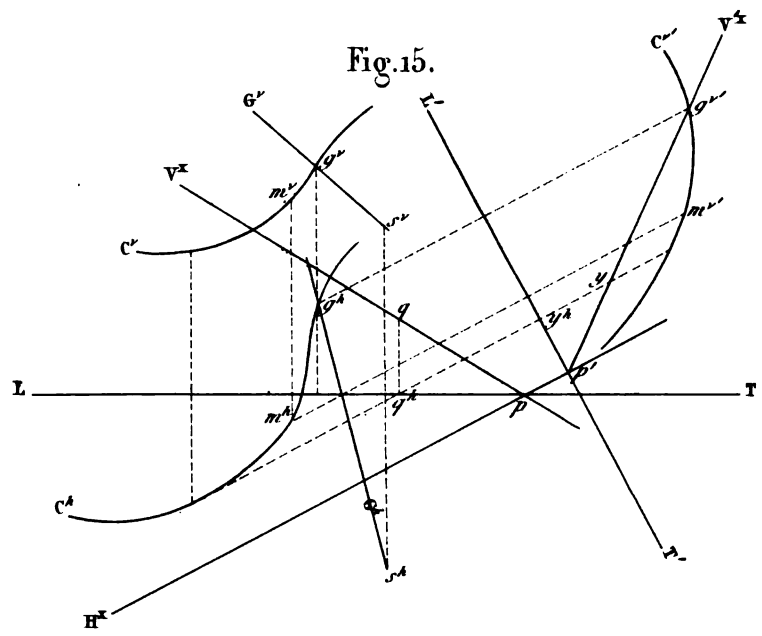

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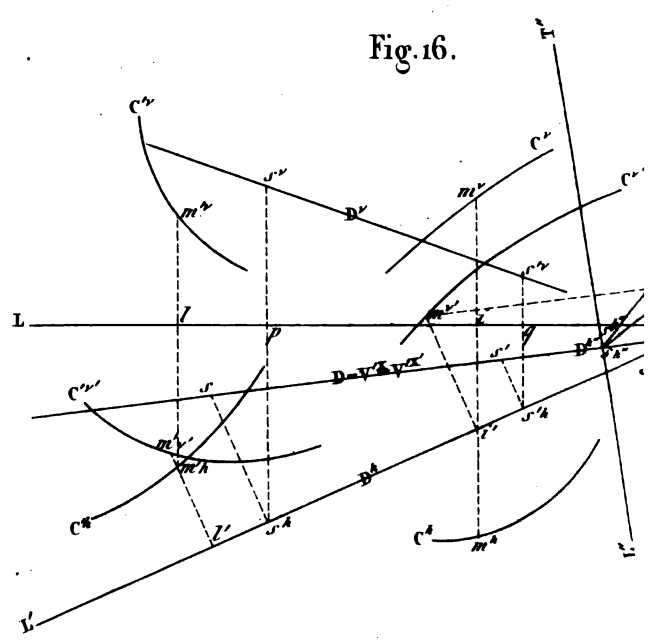

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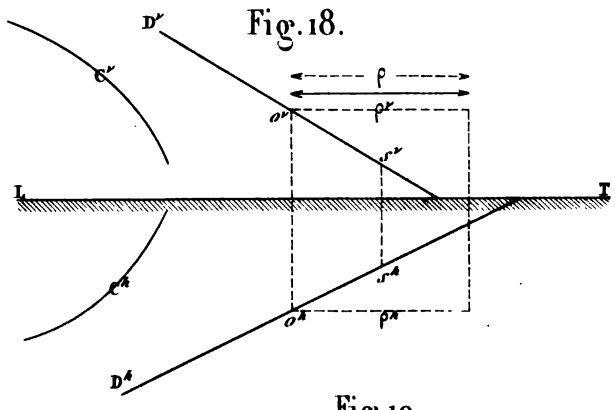

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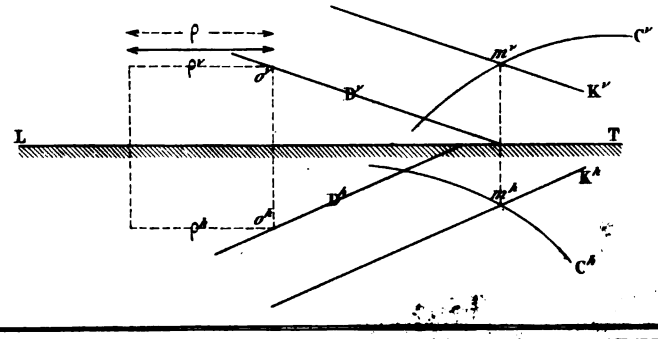

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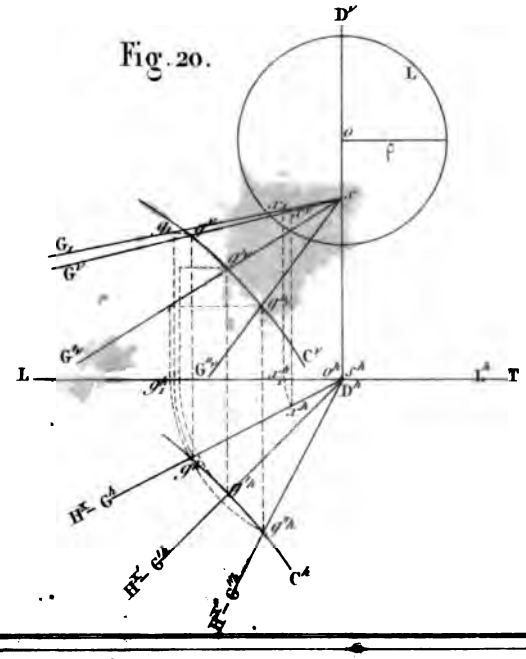

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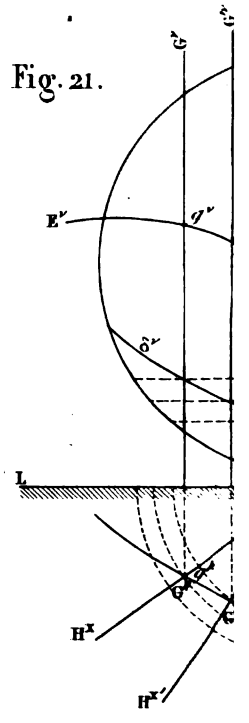

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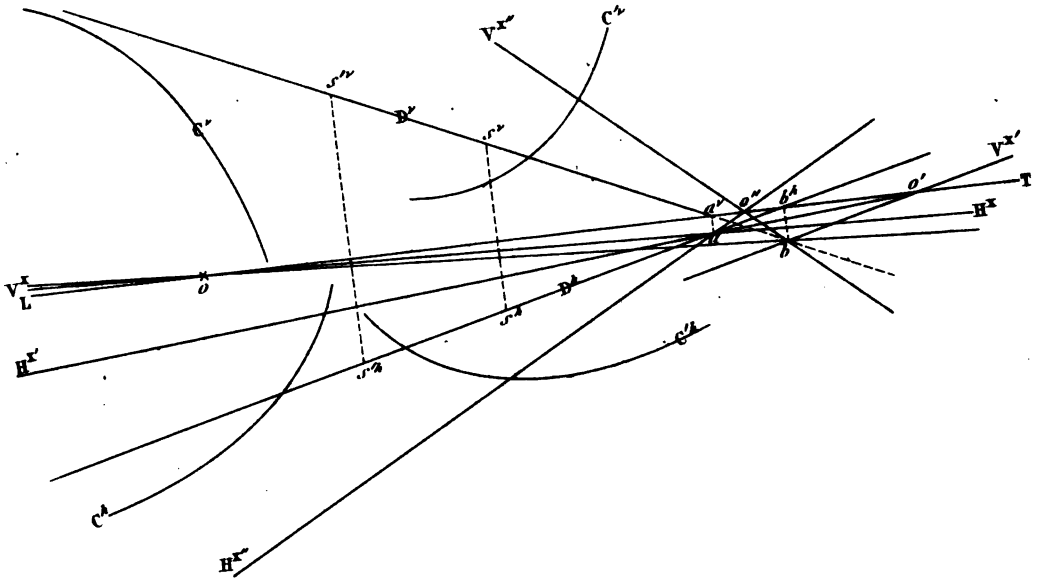

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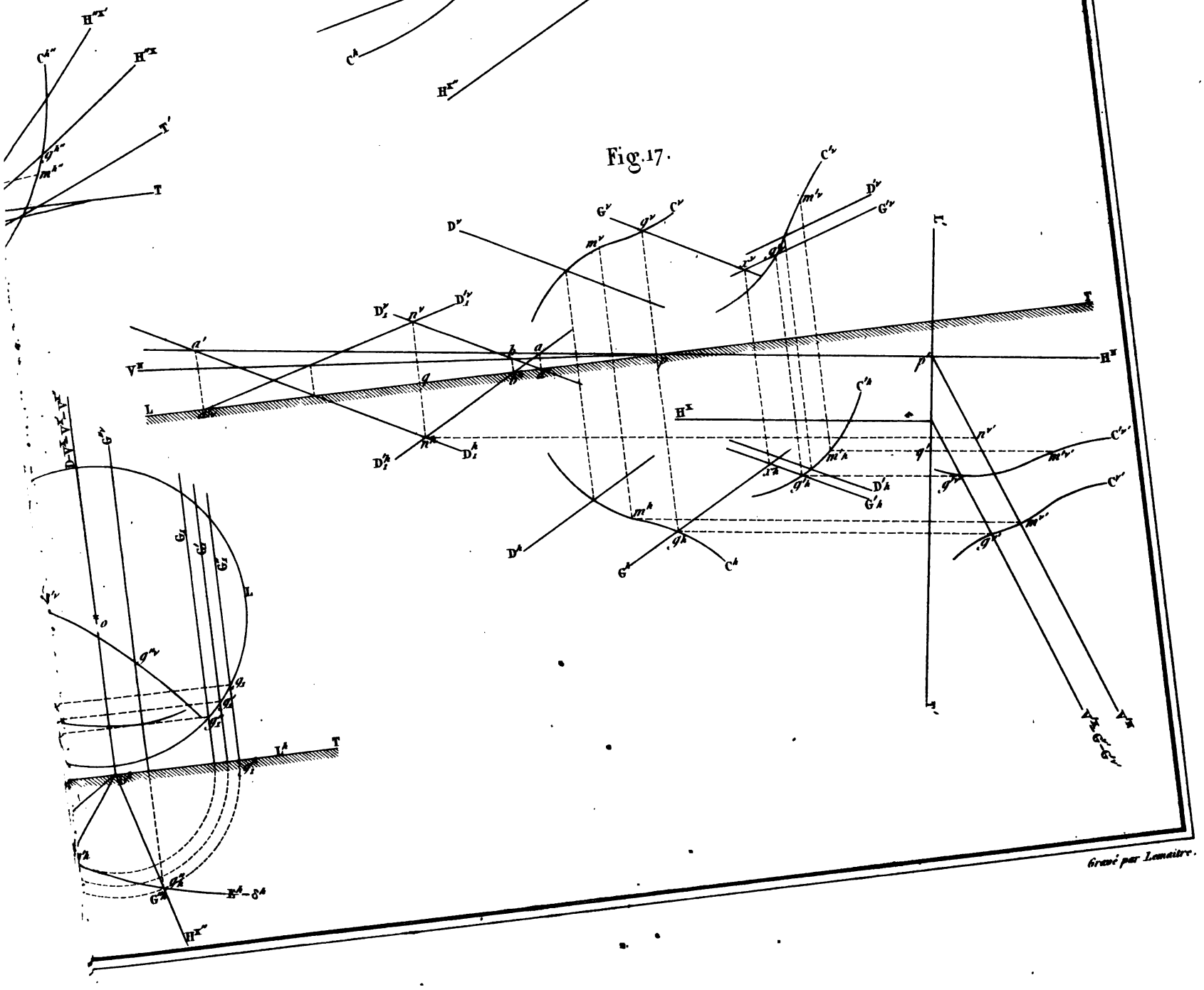

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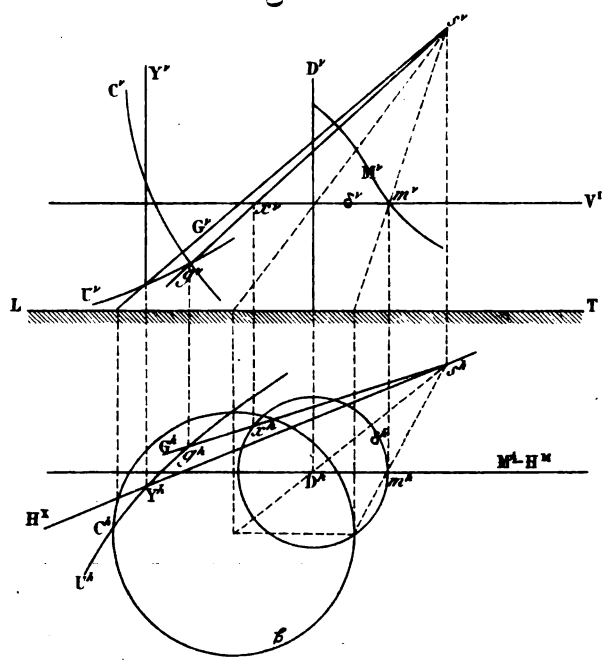

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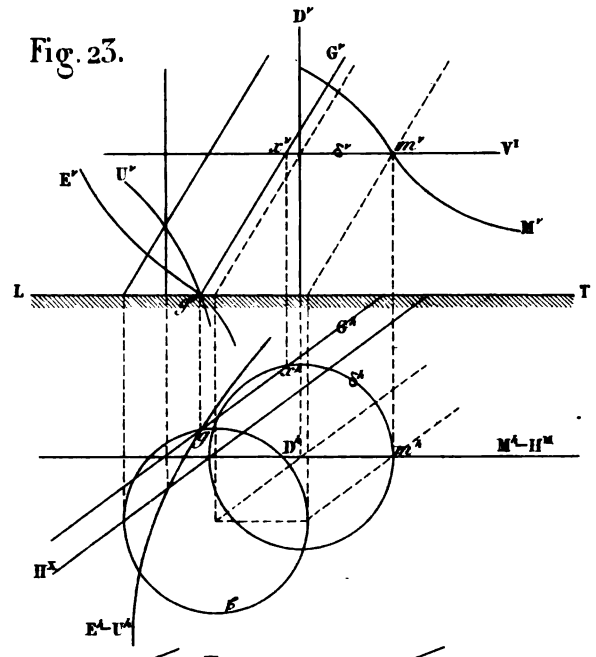

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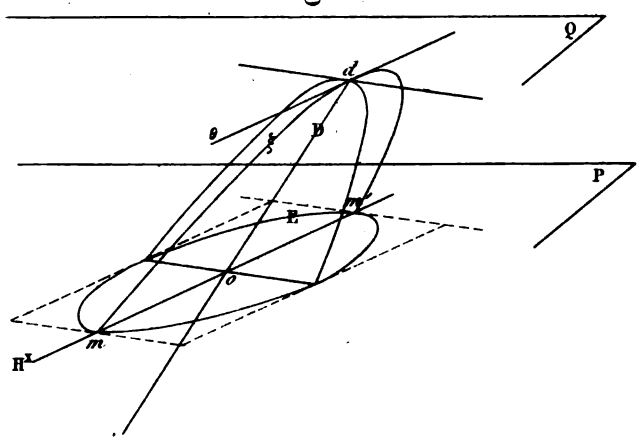

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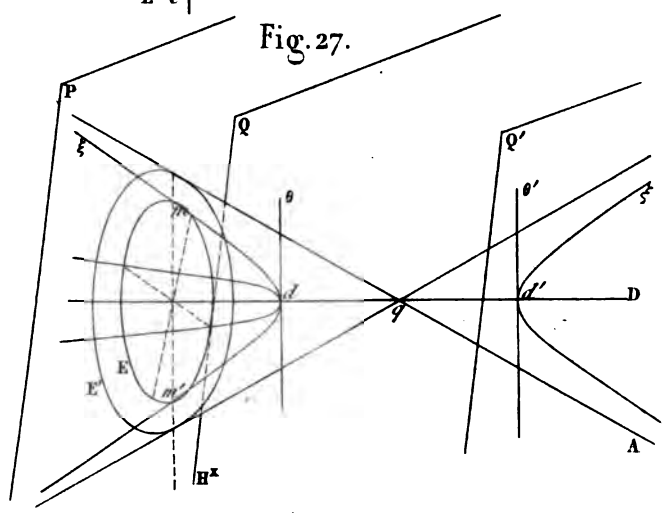

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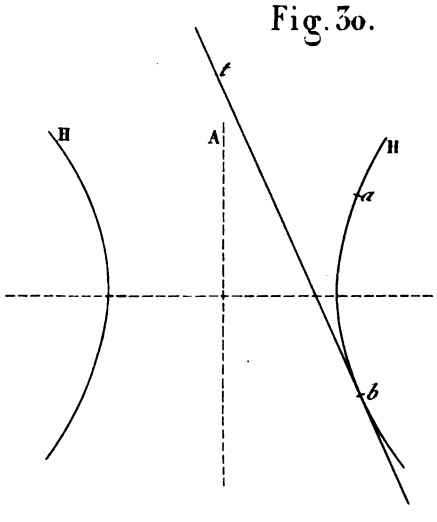

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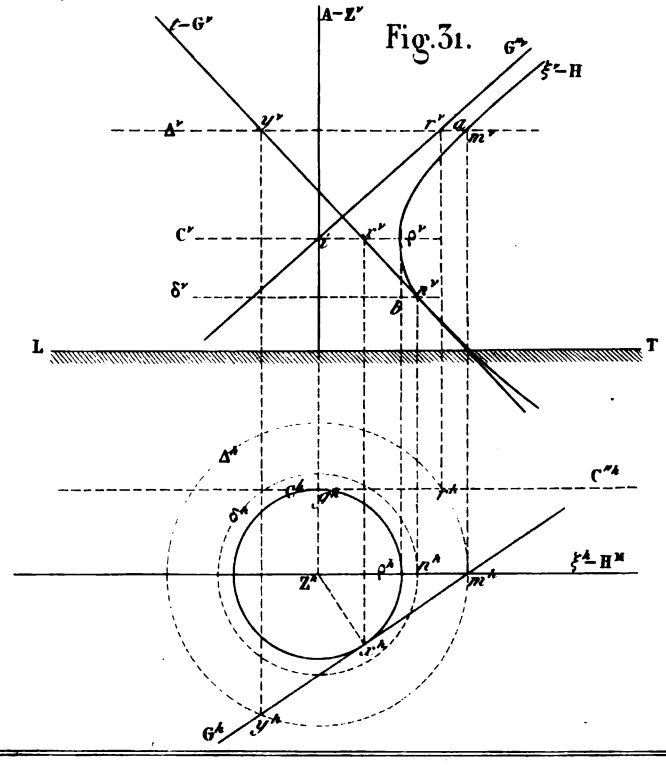

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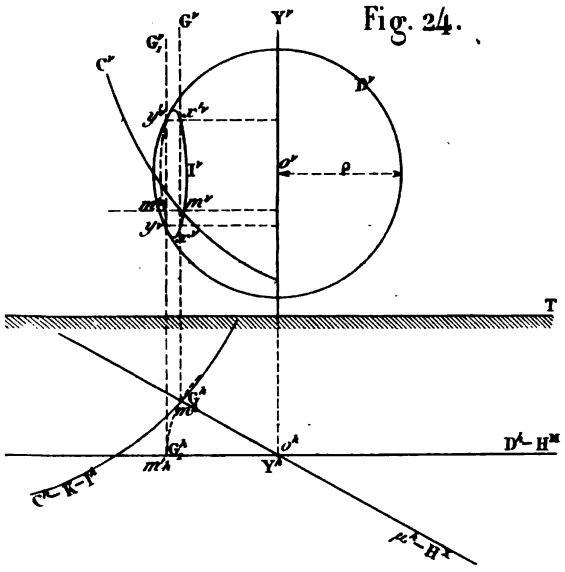

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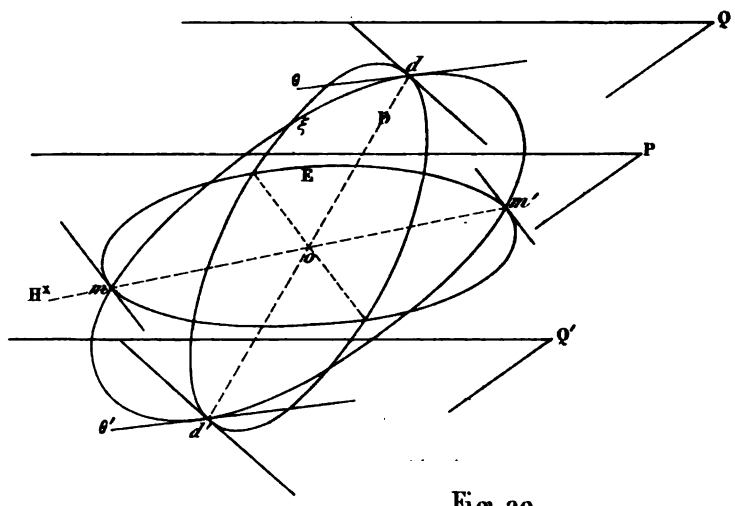

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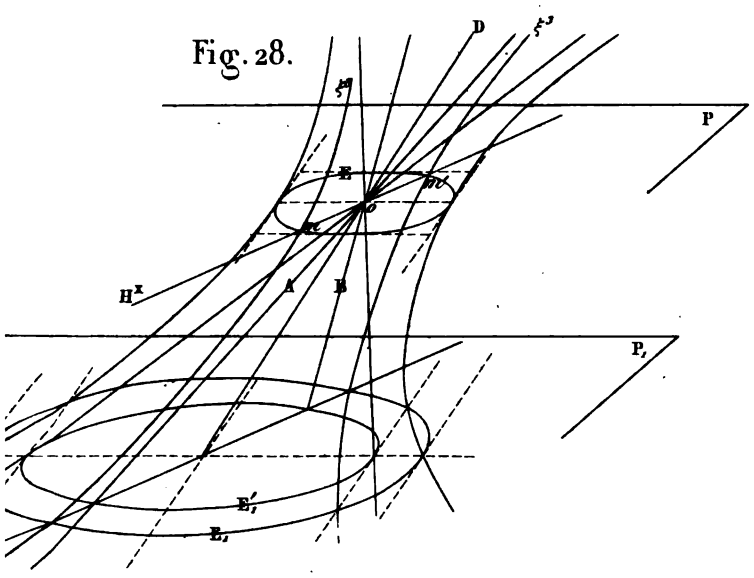

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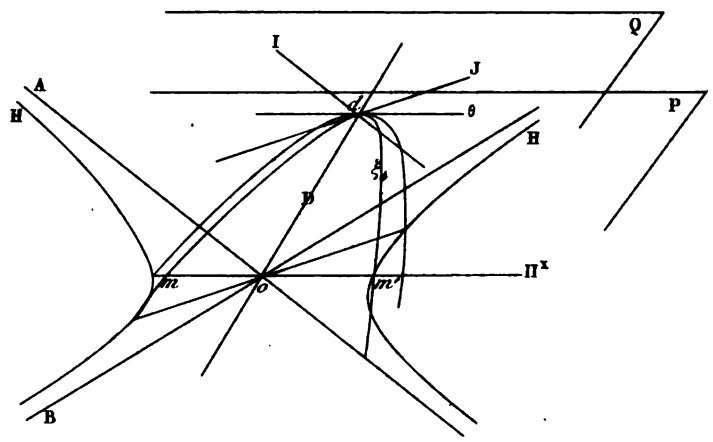

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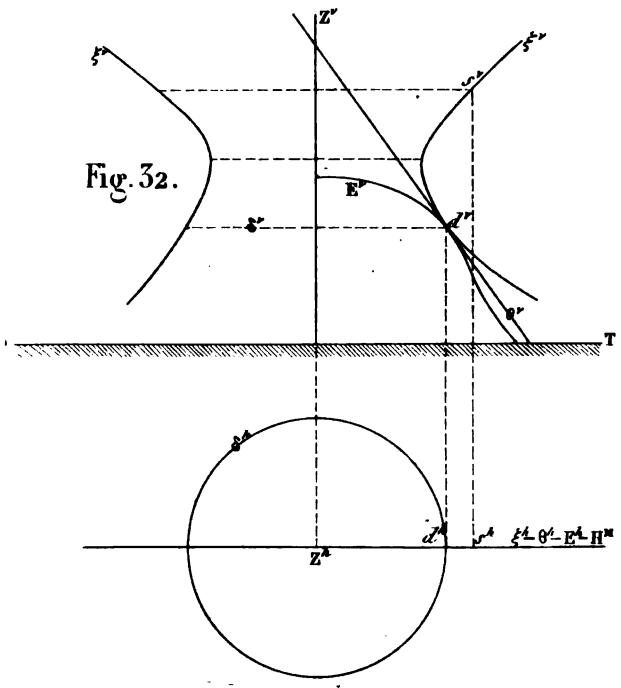

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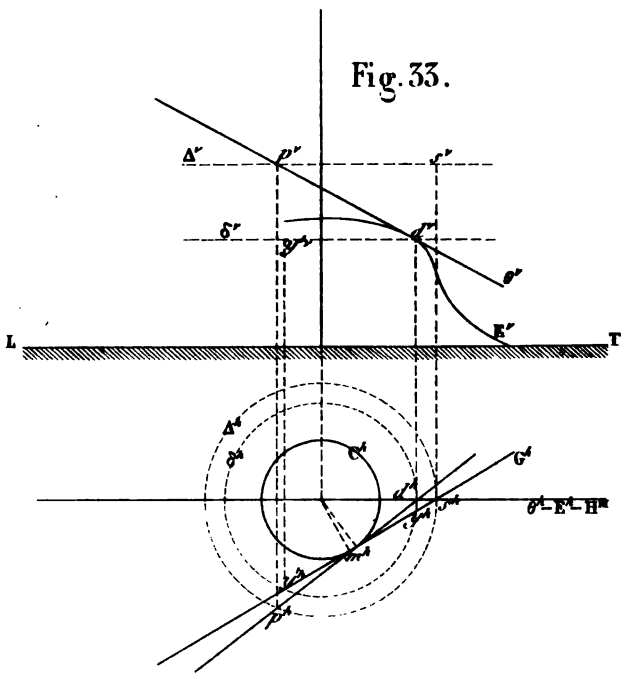

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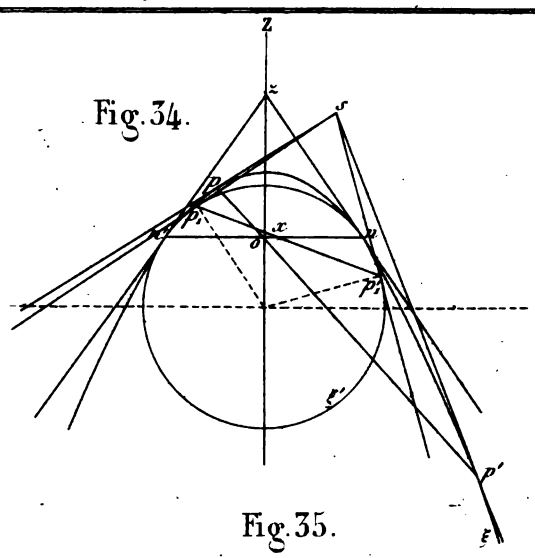

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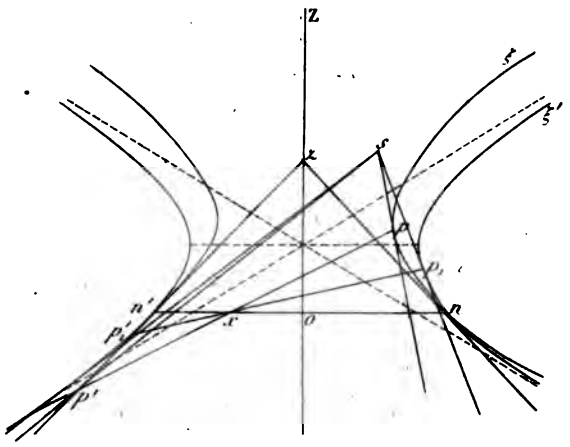

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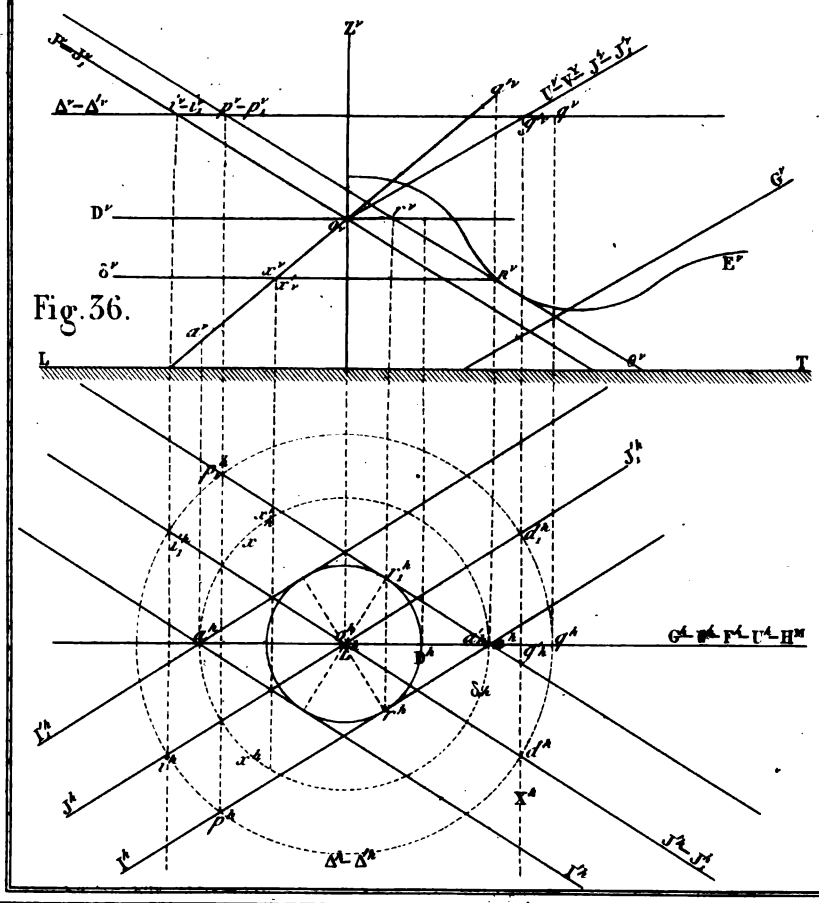

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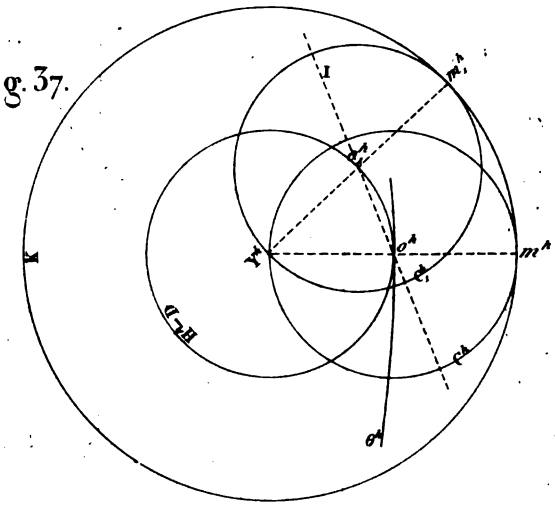

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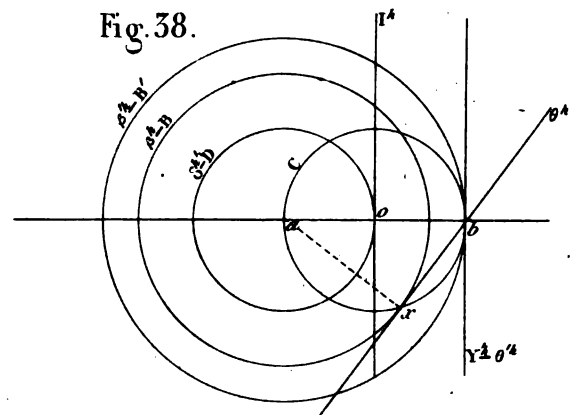

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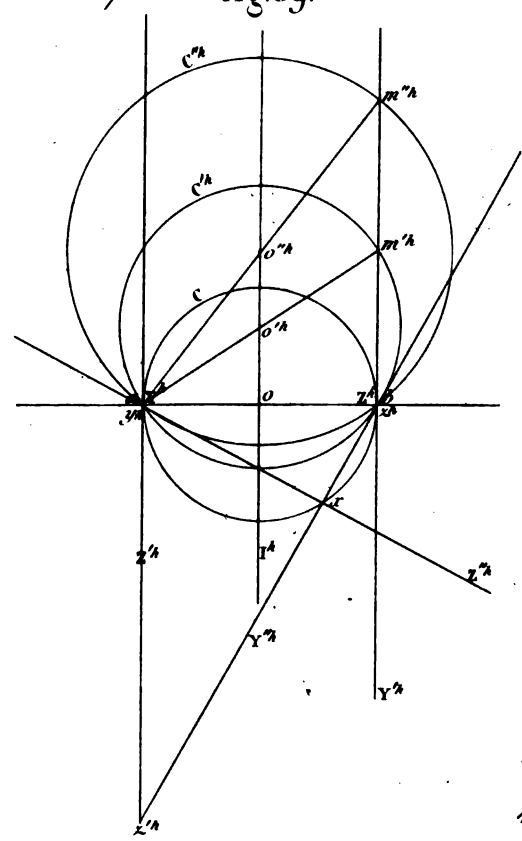

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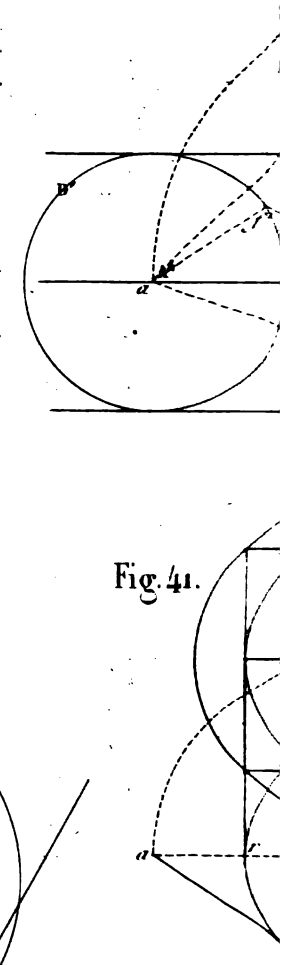

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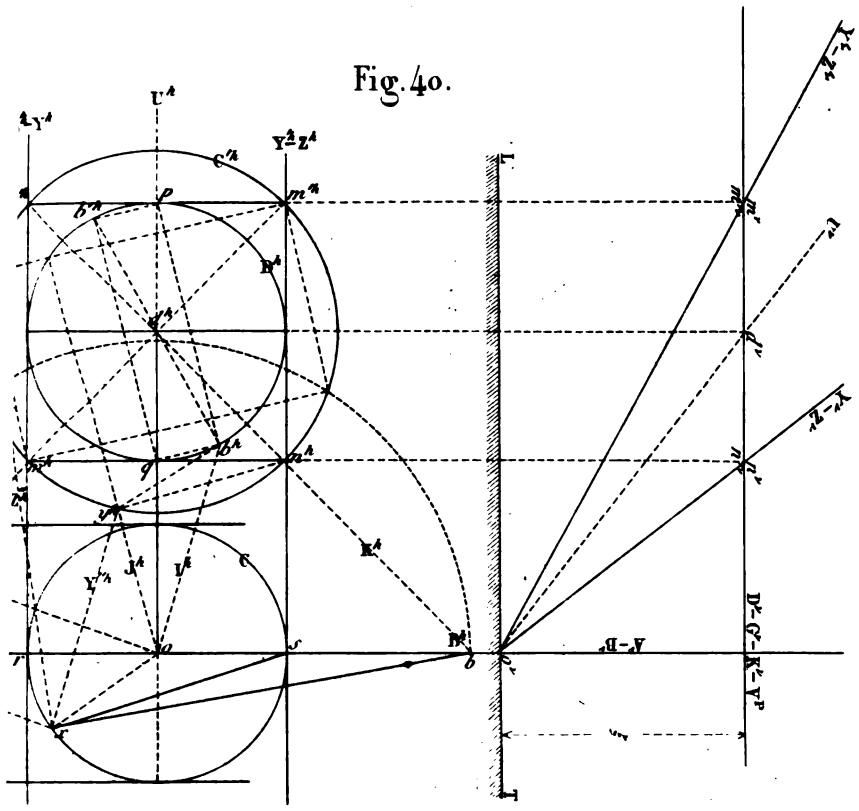
Fig. 40.



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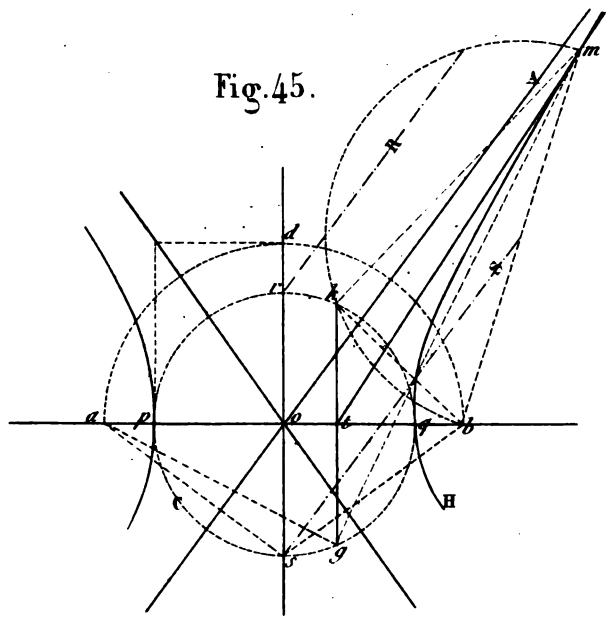

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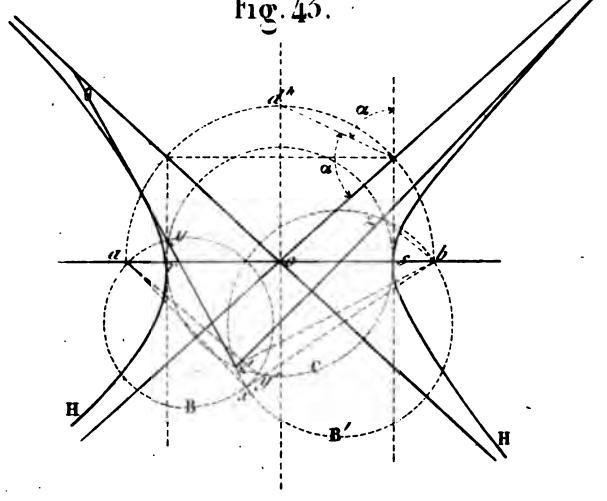

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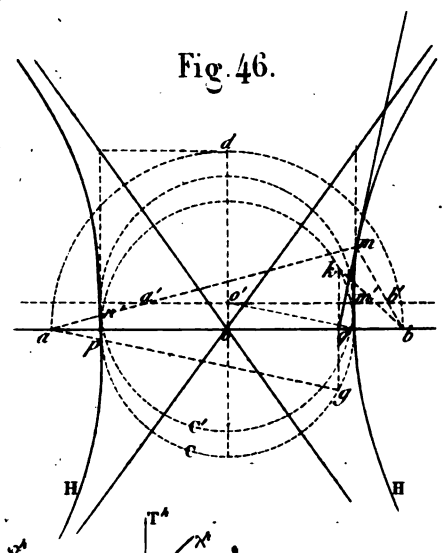

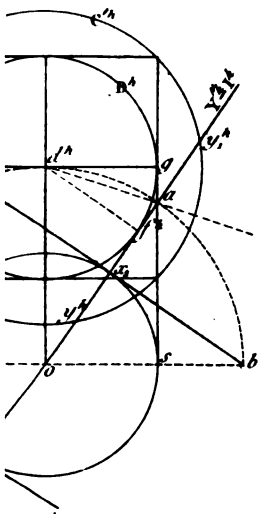

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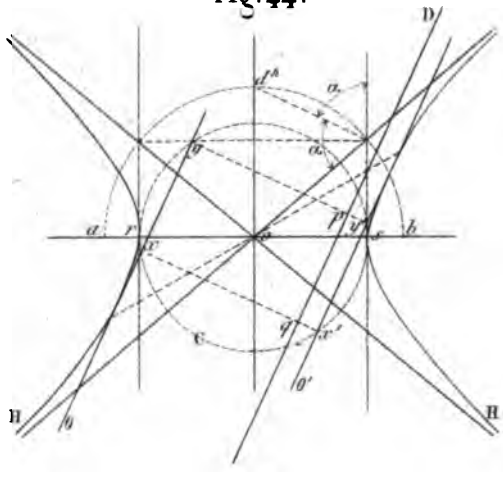

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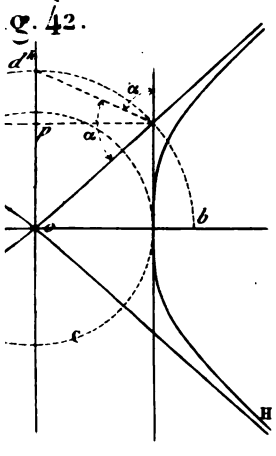

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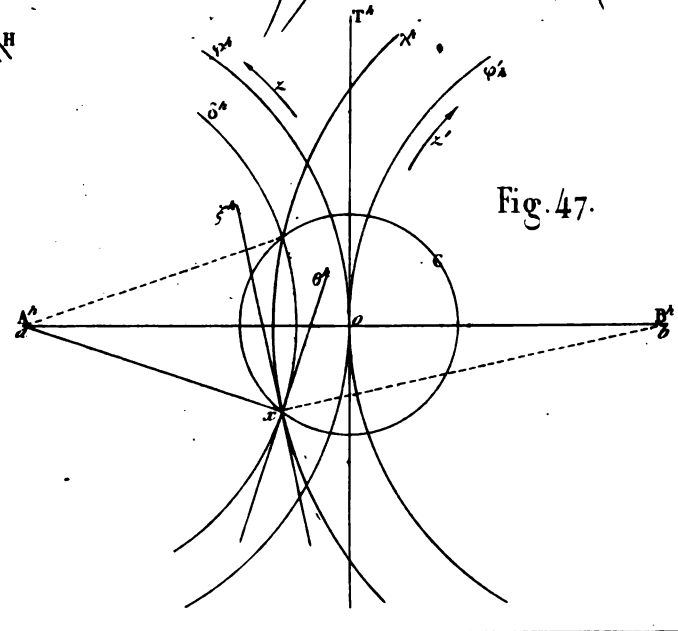

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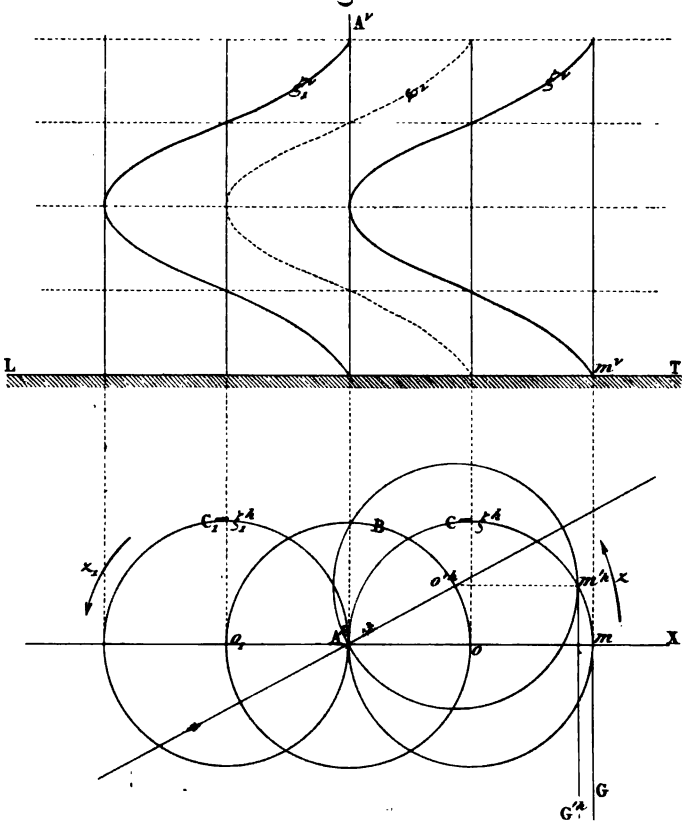
Fig. 47.bis.



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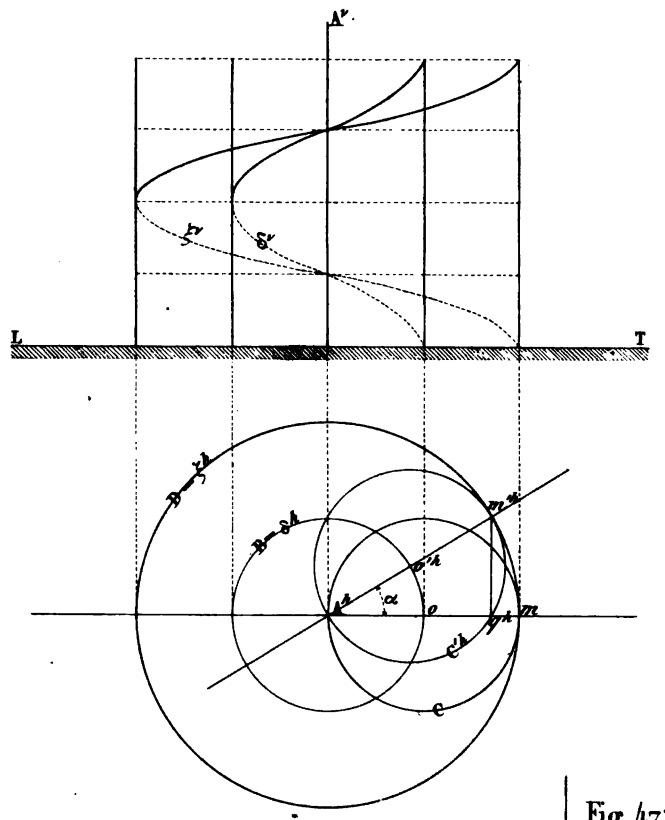

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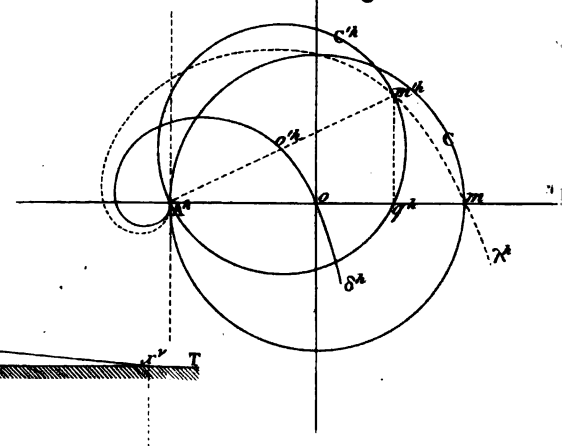

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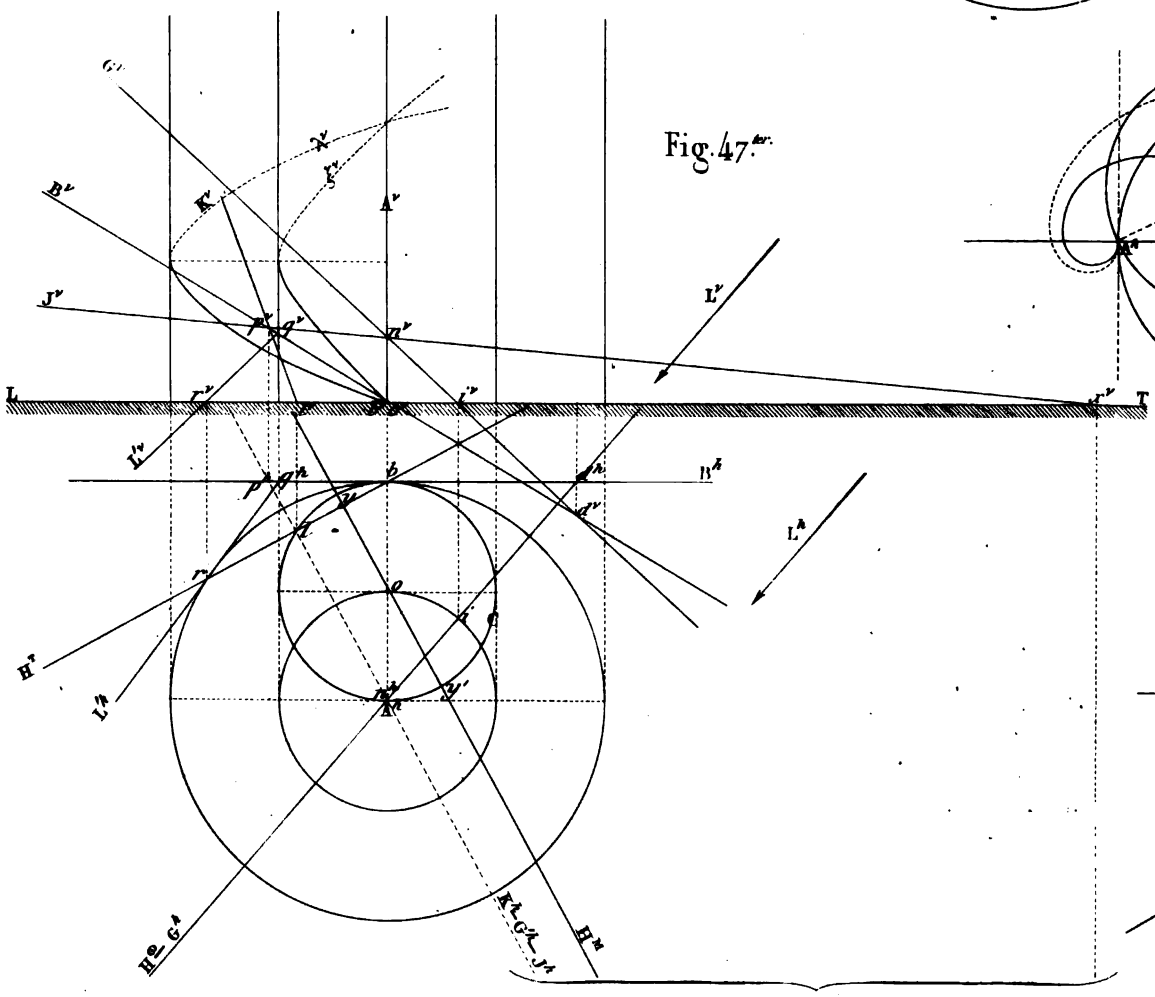

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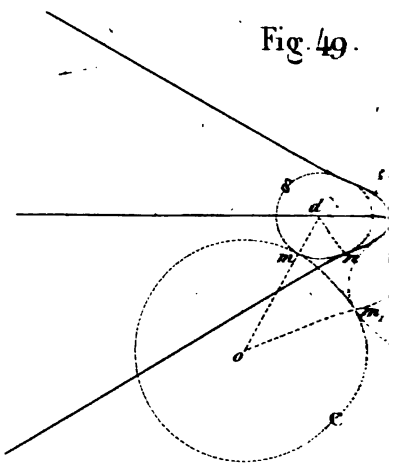

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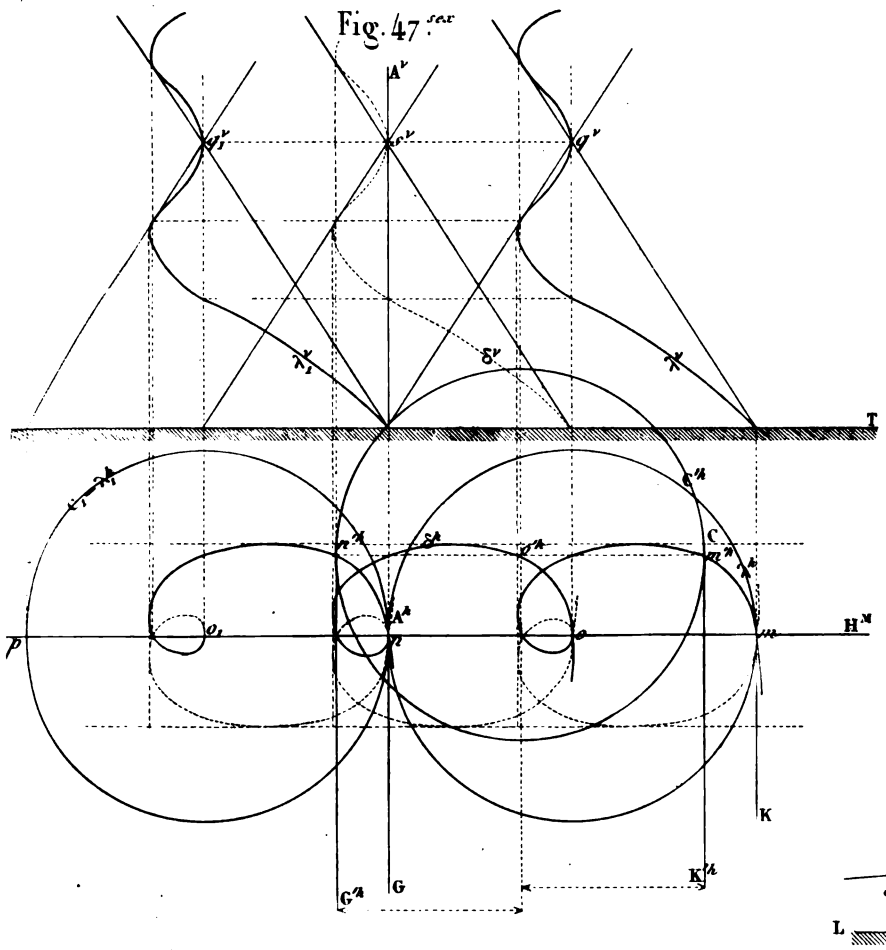
Fig. 47.sex



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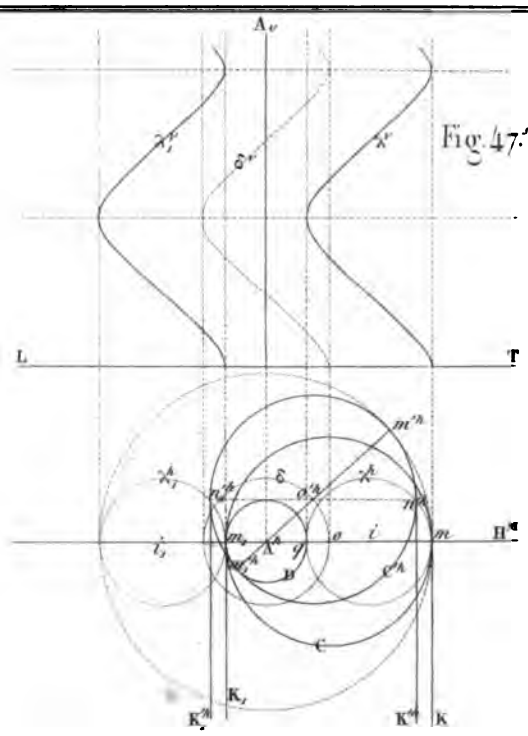

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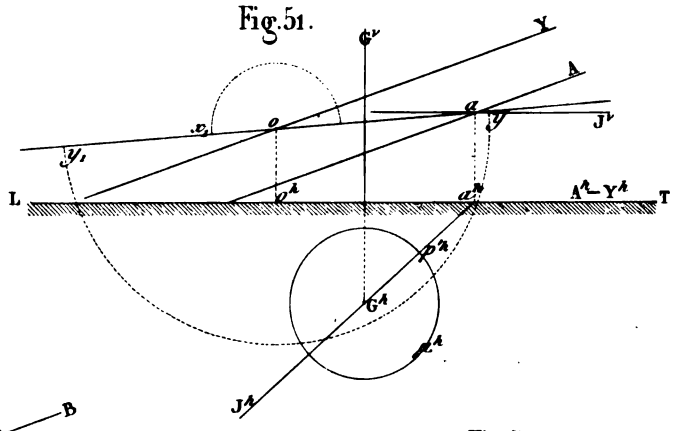

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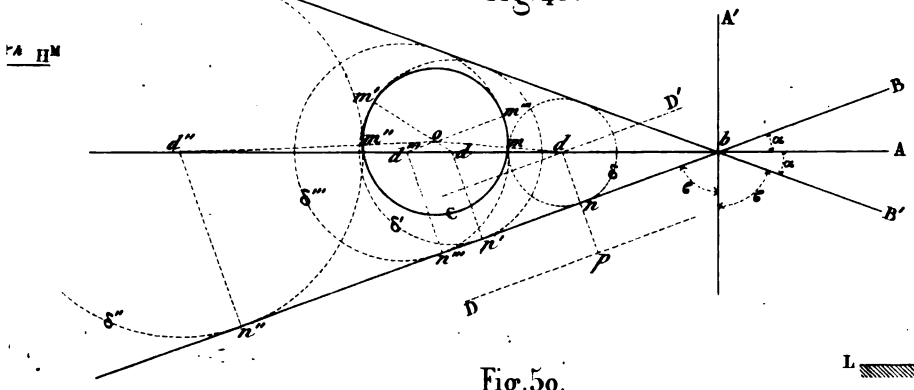

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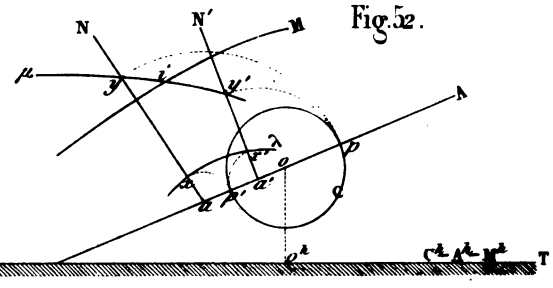

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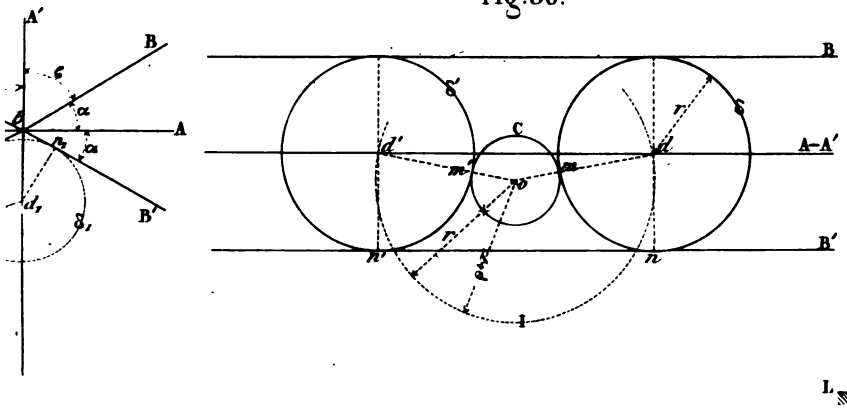

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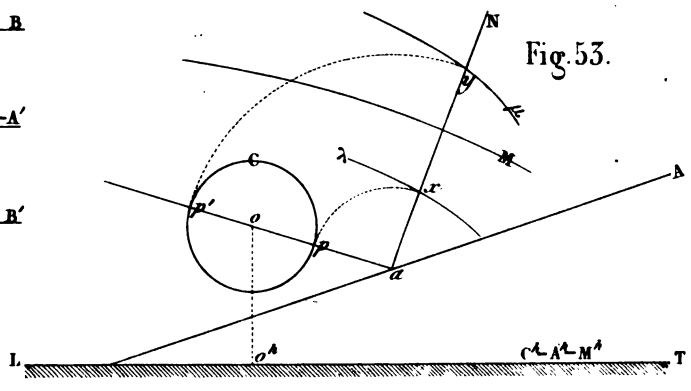
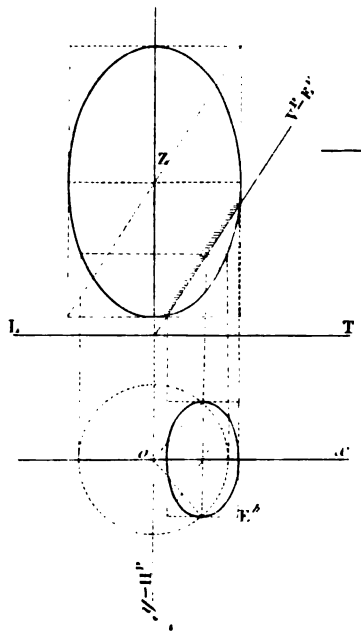


Gravé par Lemaitre.

Fig. 54.



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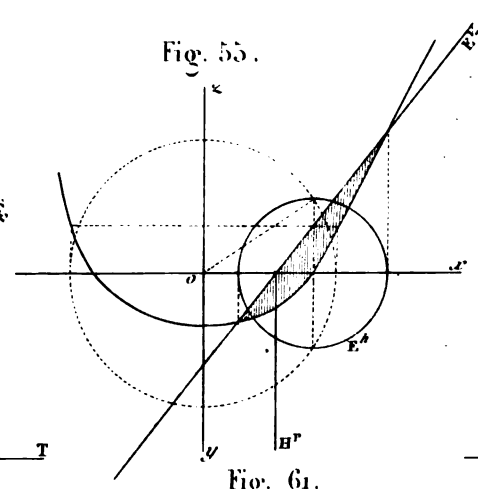

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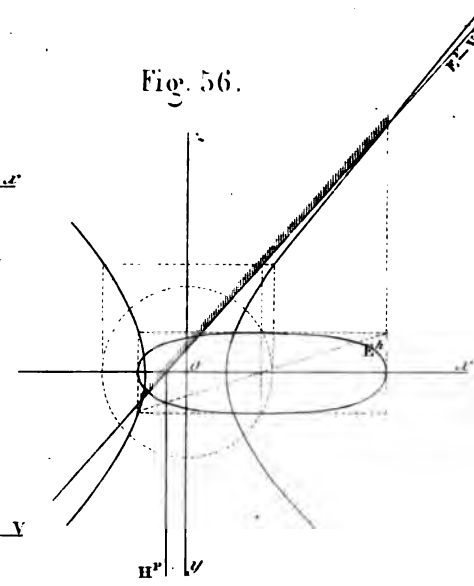

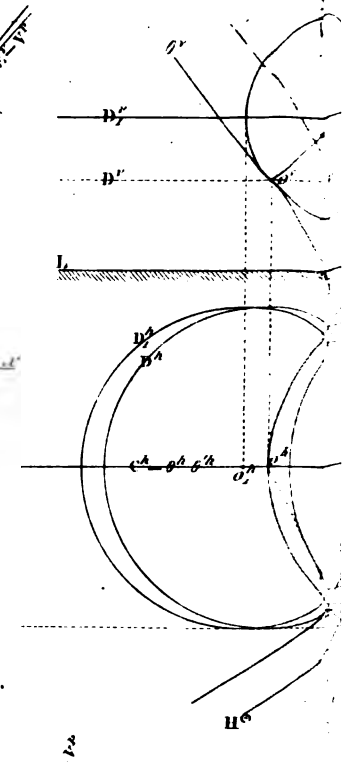

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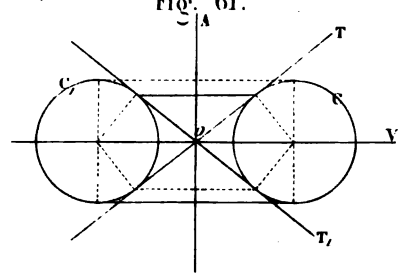

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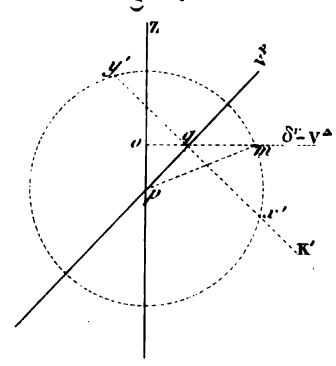

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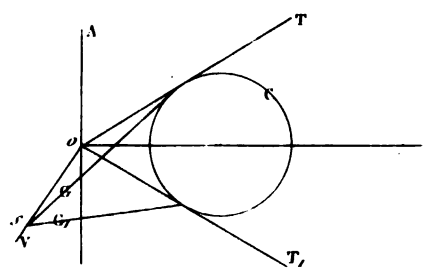

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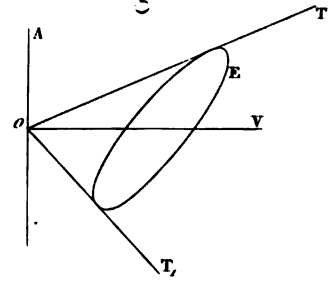

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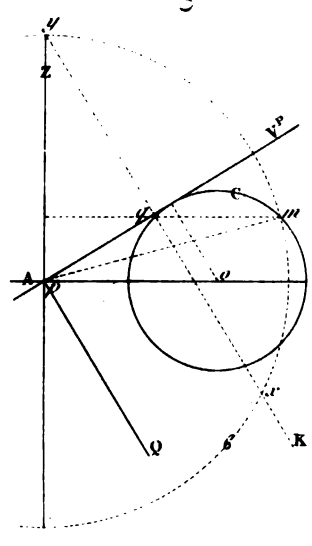

Fig. 66.^bis

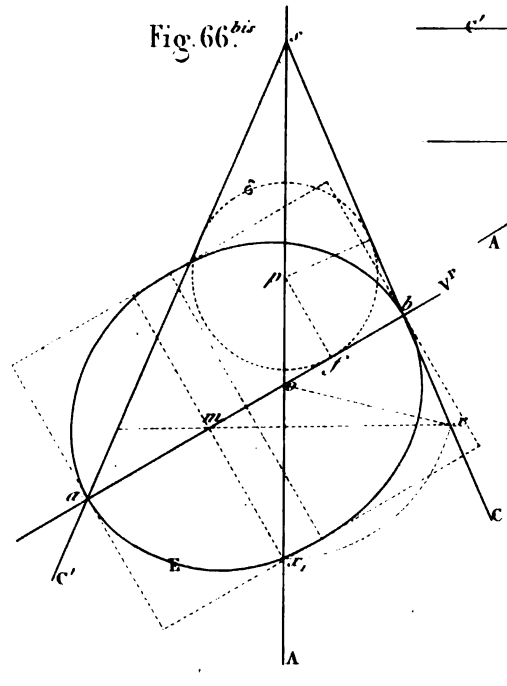

Fig. 66.^ter

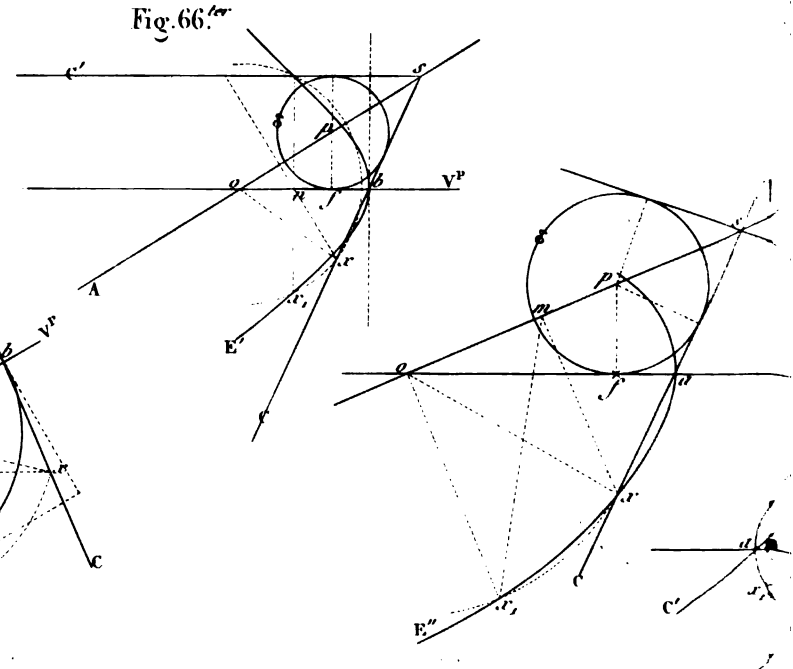

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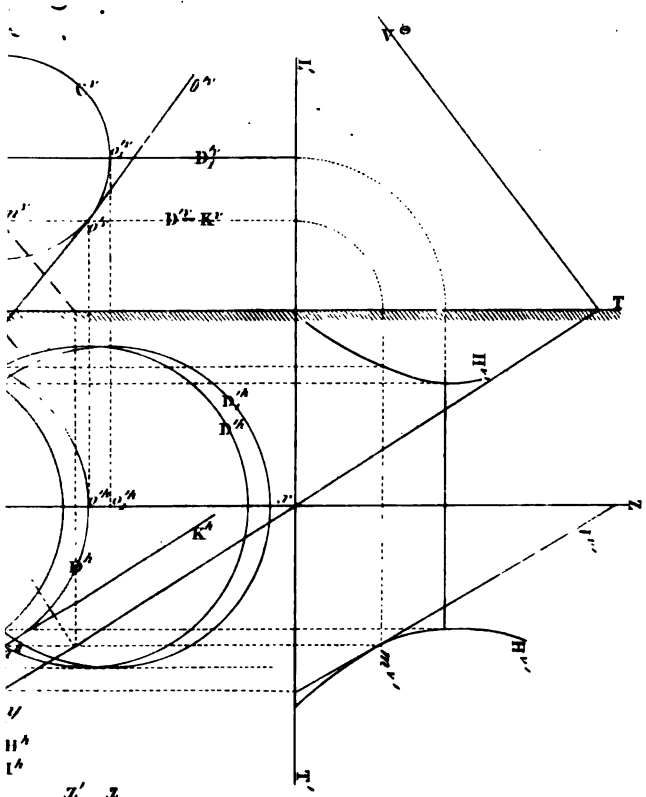
Fig. 56bis



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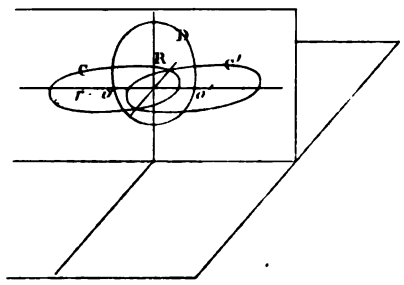

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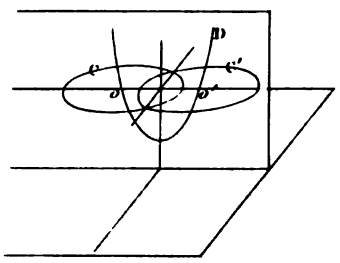

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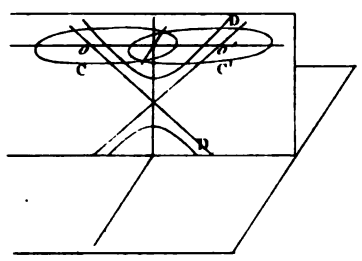

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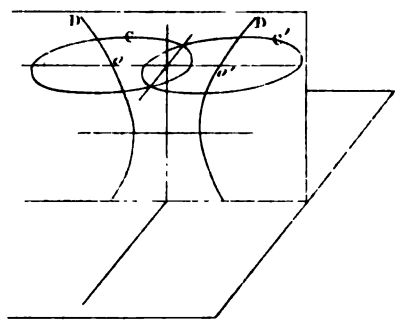

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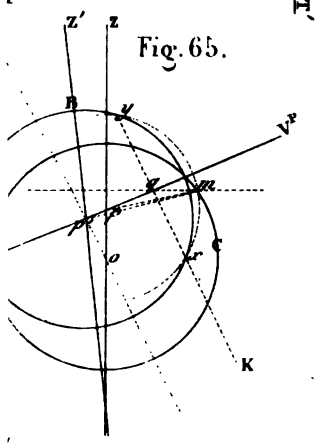
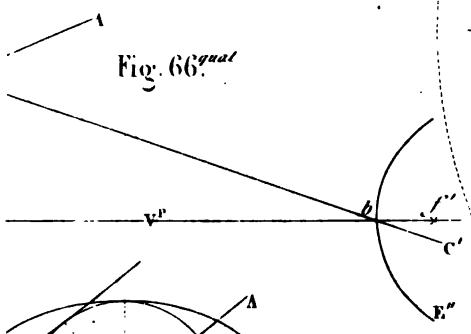


Fig. 66quat



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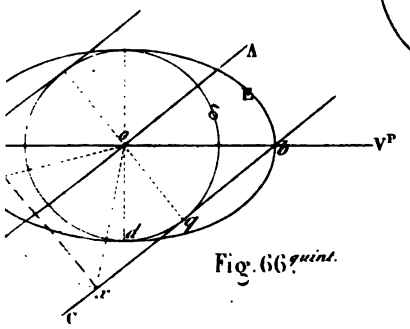

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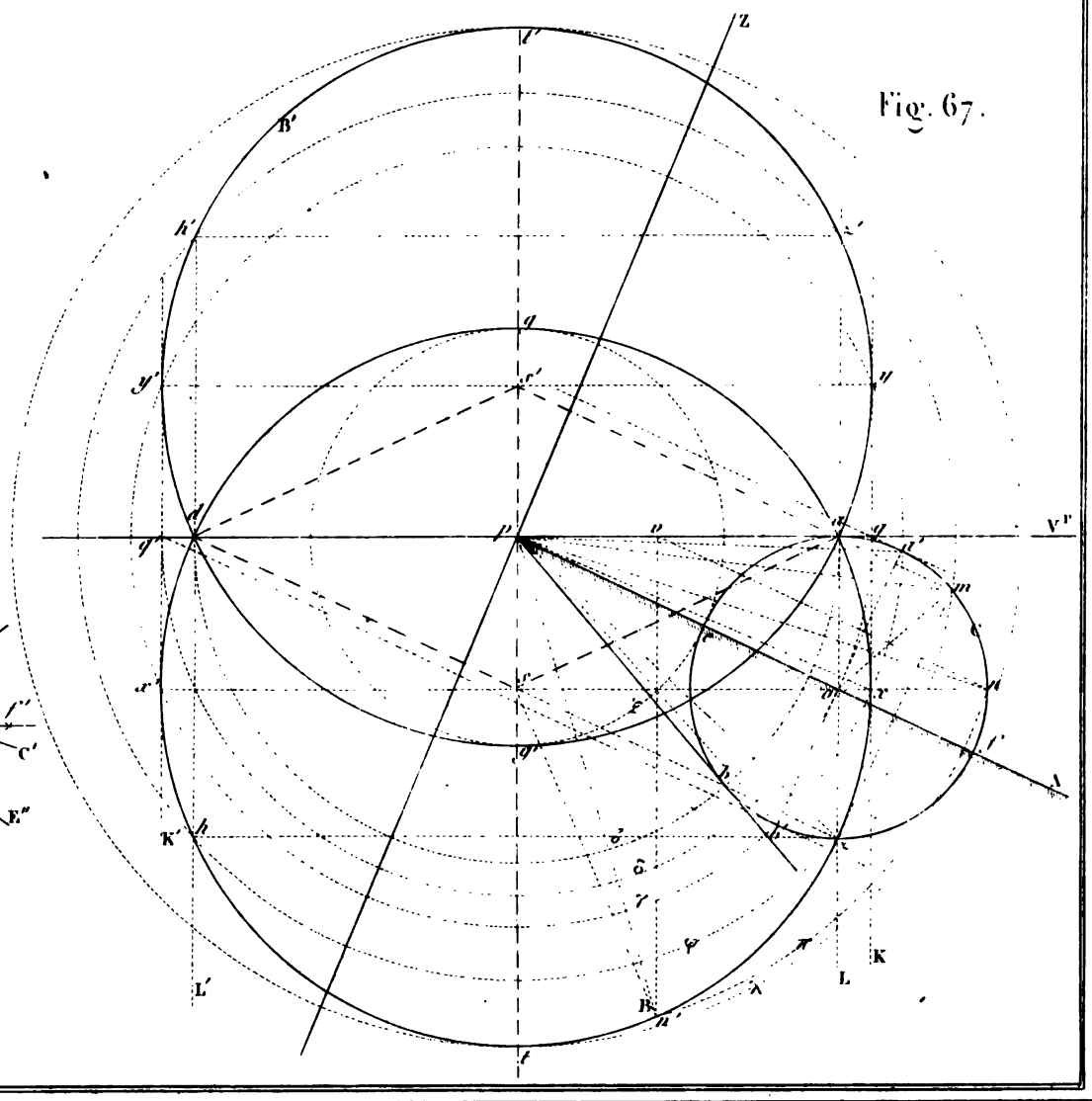
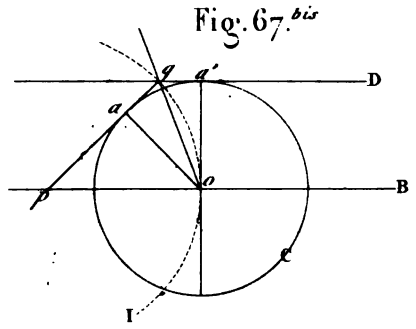


Gravé par Lemaître.

Fig. 67.bis



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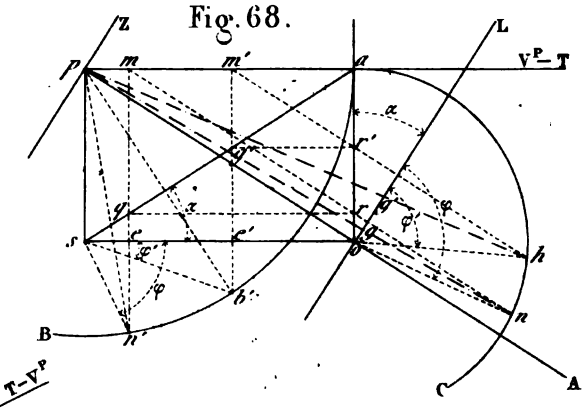
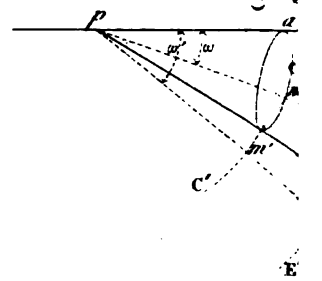


Fig. 6



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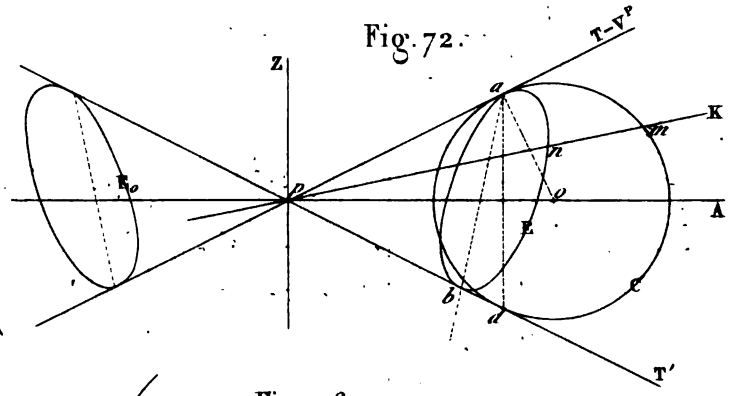

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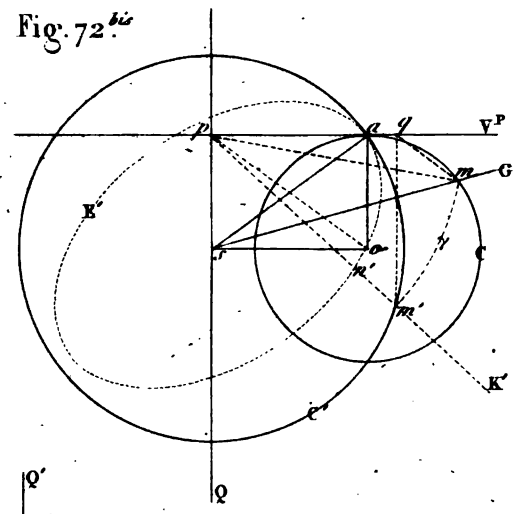

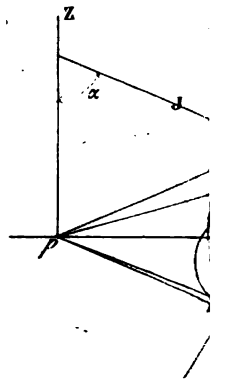

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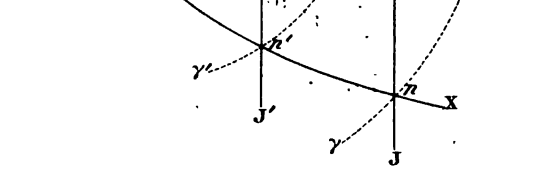


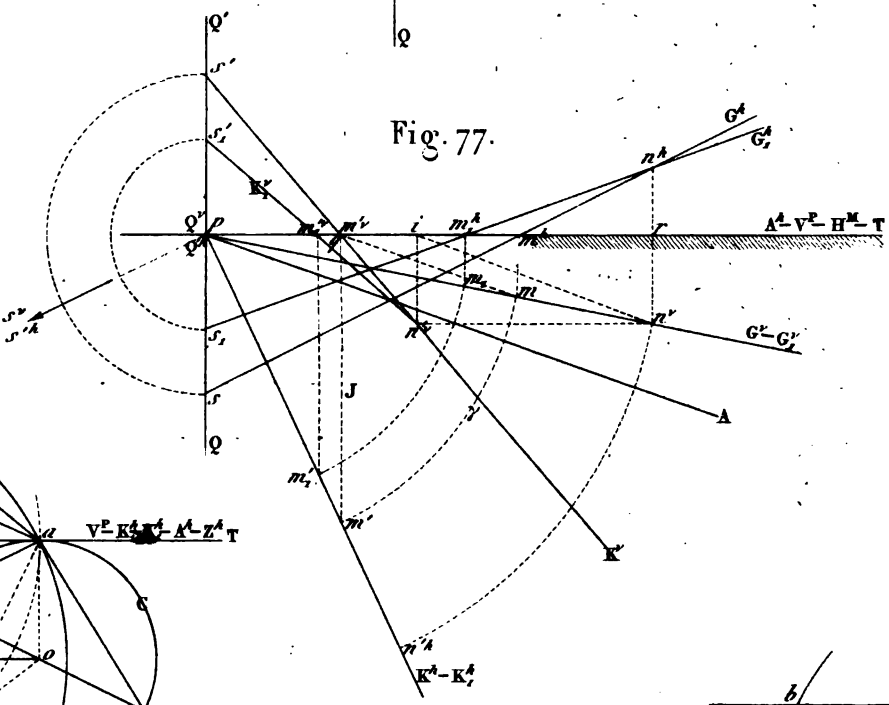
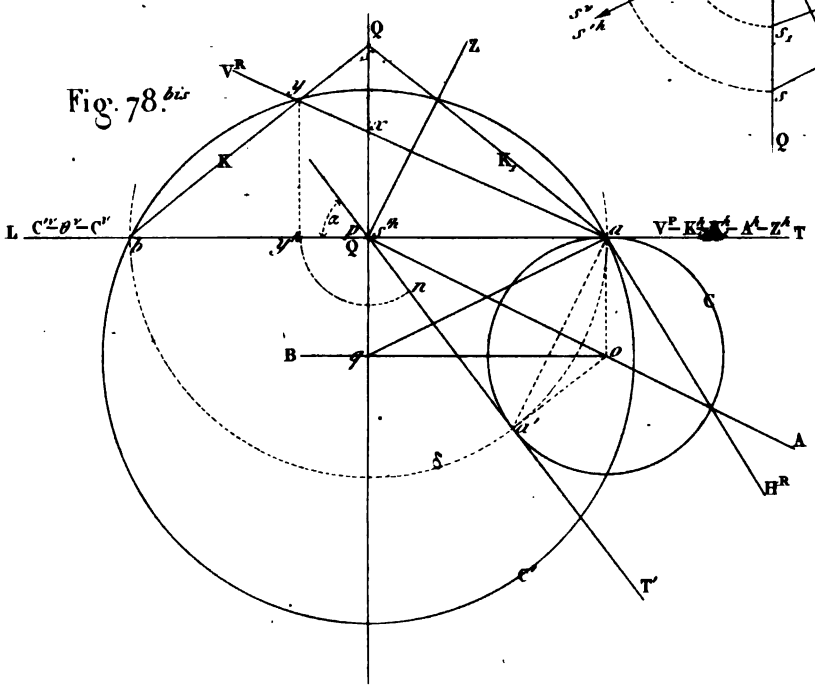


Fig. 77.

Fig. 78.bis



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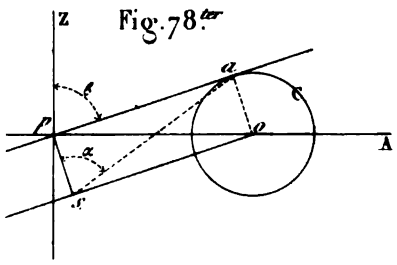

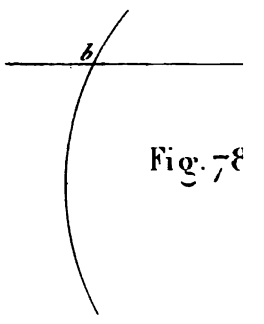

Fig. 78

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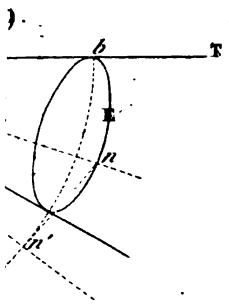

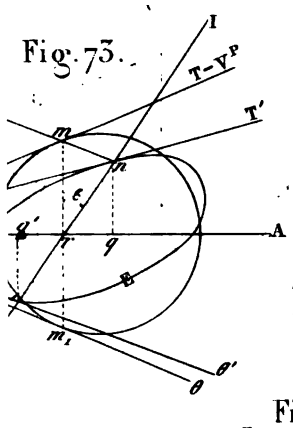

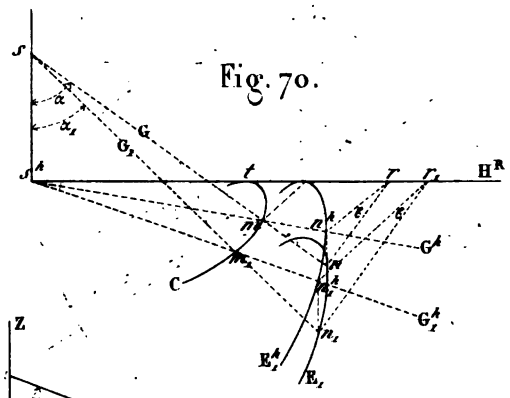

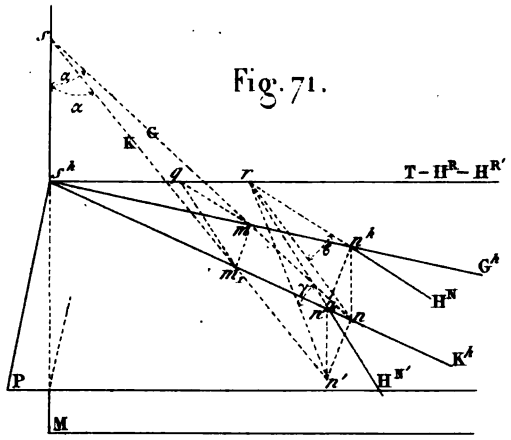

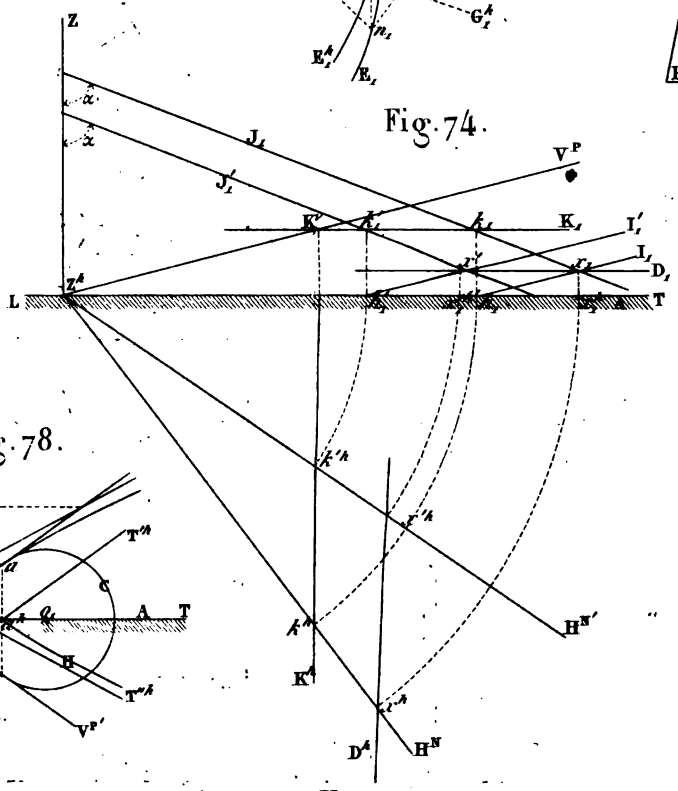

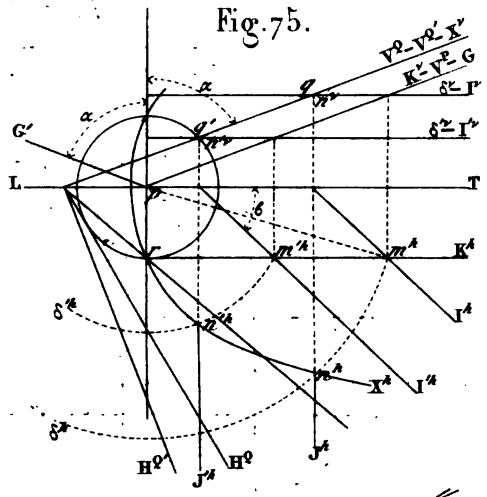

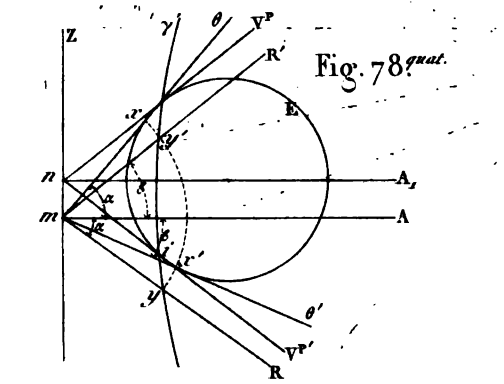

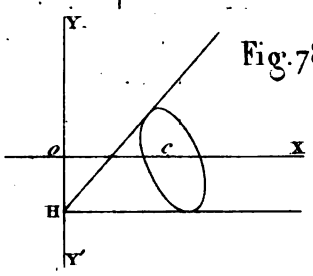

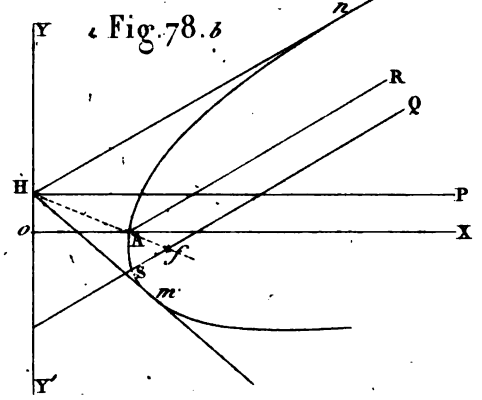

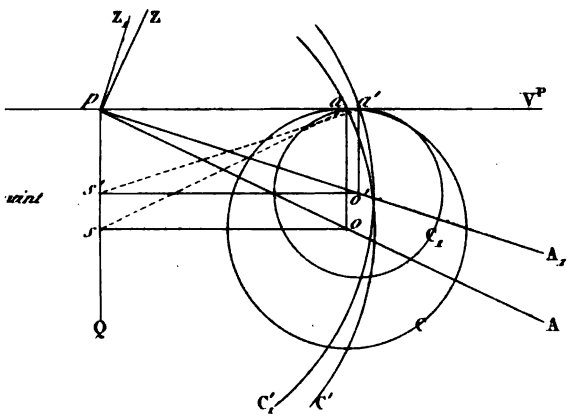

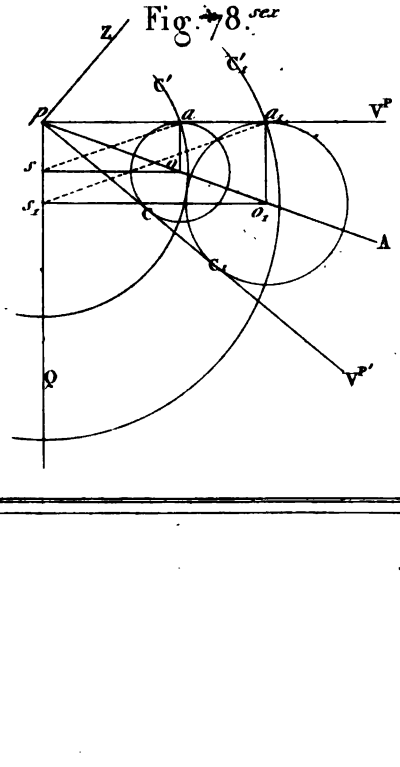

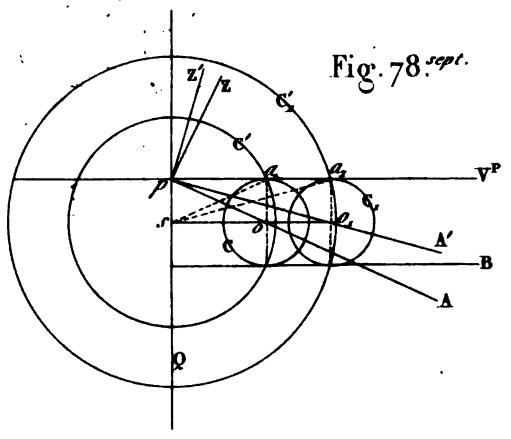

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Fig. 78. *octo*

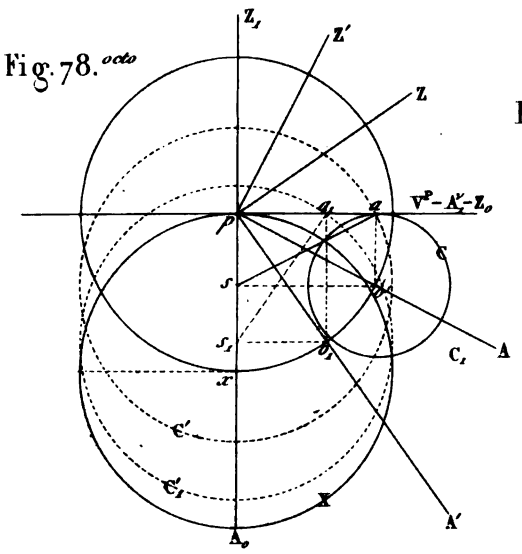

Fig. 78. *(g)*

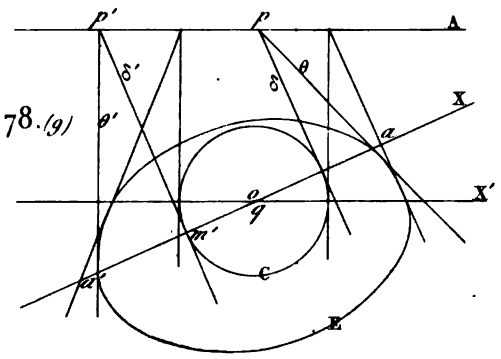

Fig. 78. *(10)*

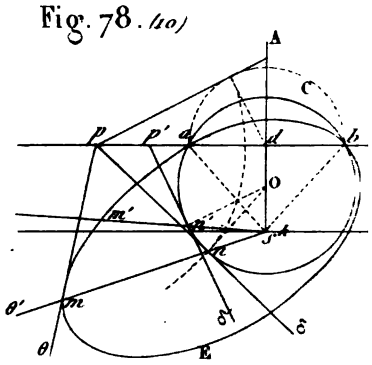

Fig. 80.

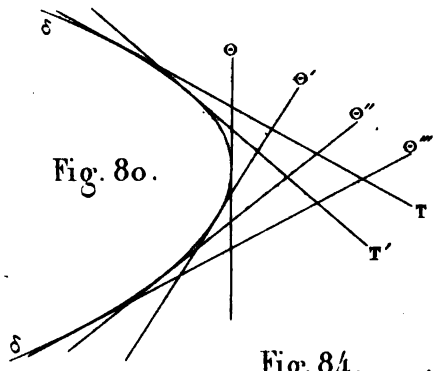

Fig. 81.

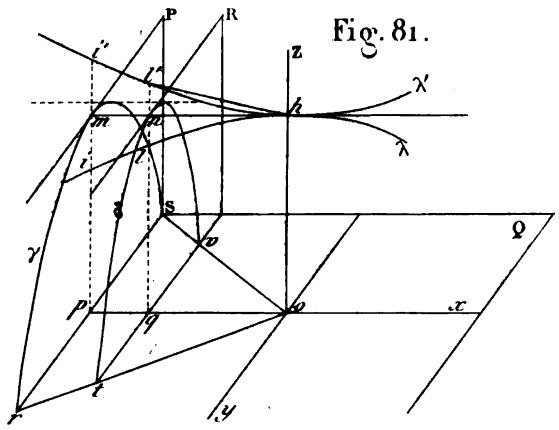

Fig. 82.

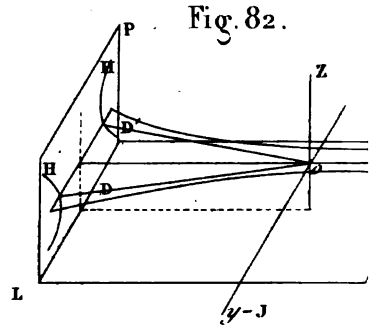

Fig. 84.

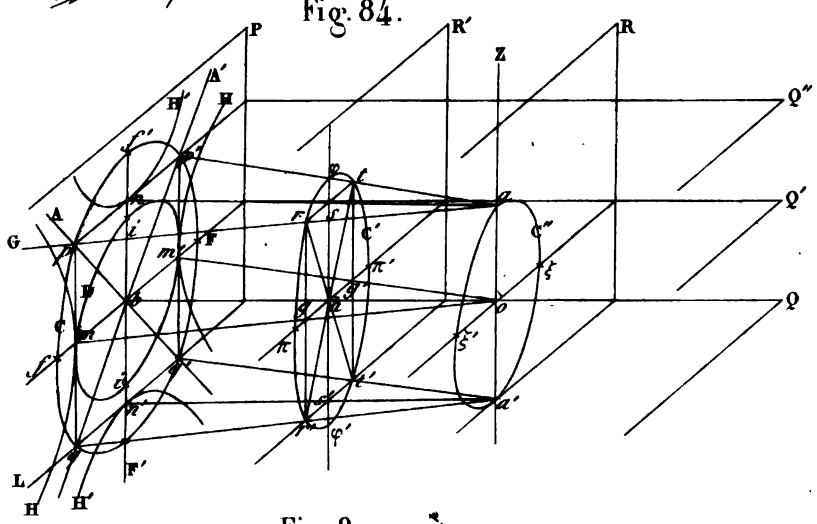

Fig. 85.

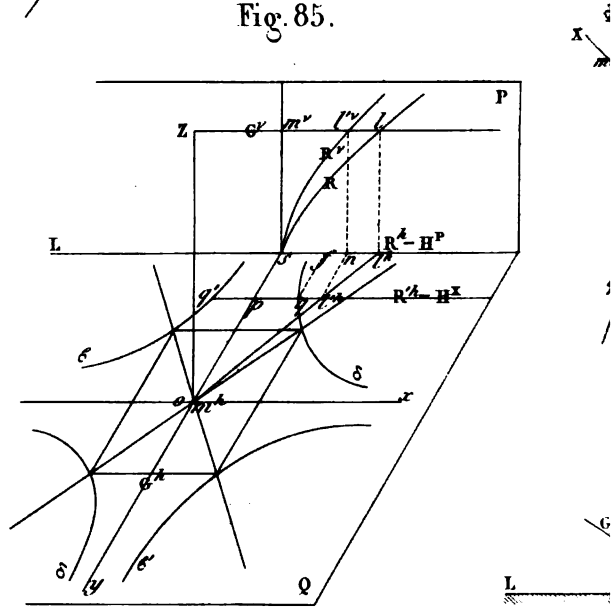

Fig. 89.

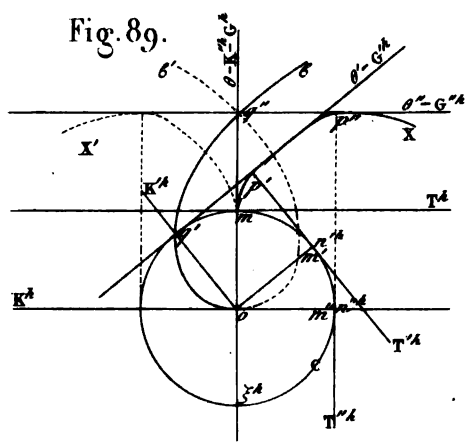

Fig. 90.

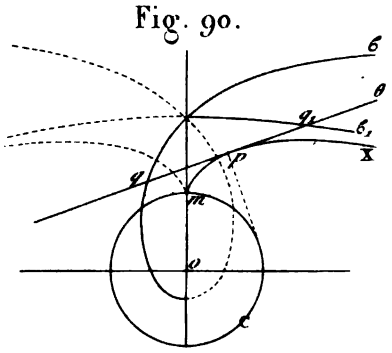

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Fig. 78. (11)

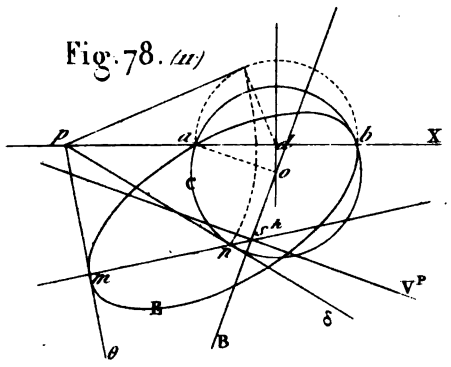


Fig. 78. (12)

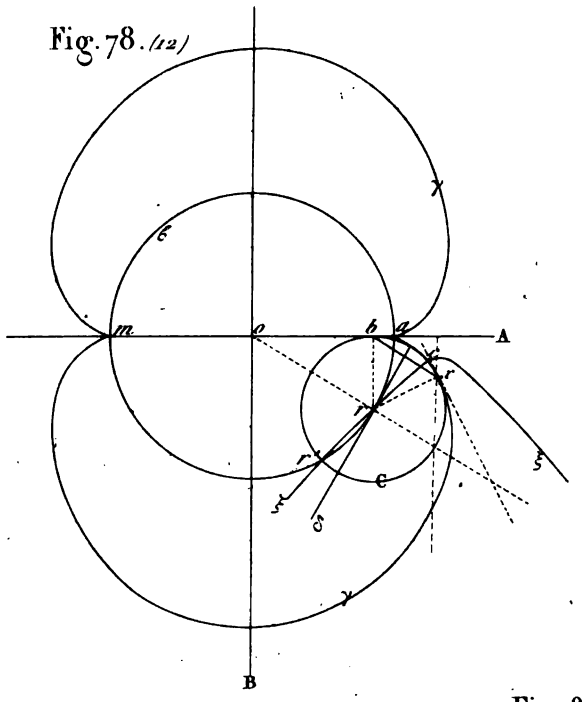


Fig. 79.

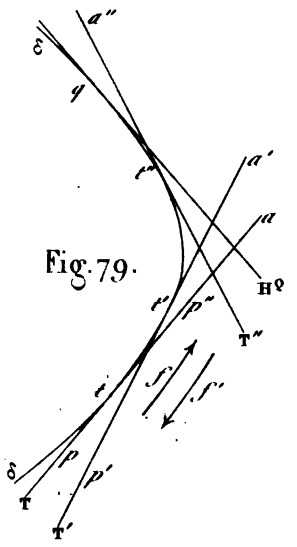


Fig. 83.

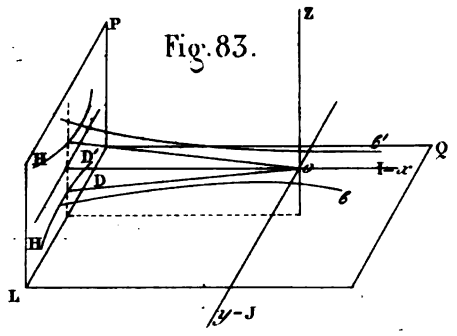


Fig. 86.

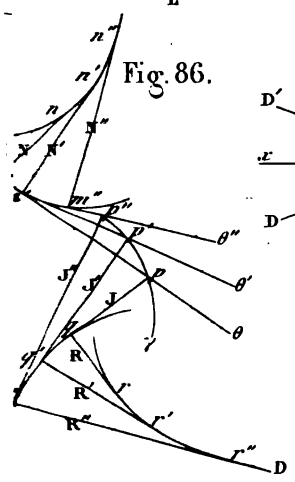
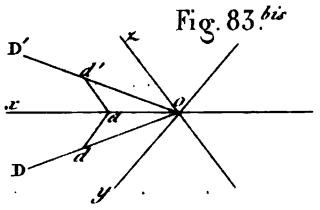


Fig. 83 bis



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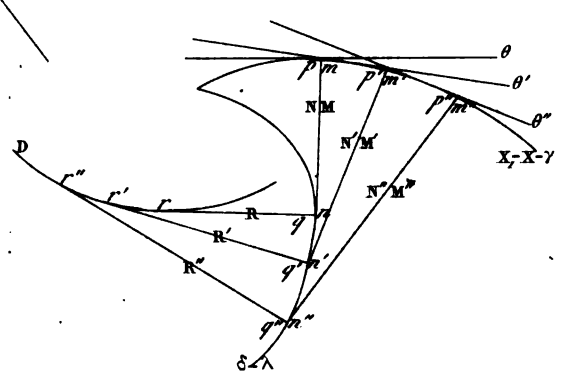
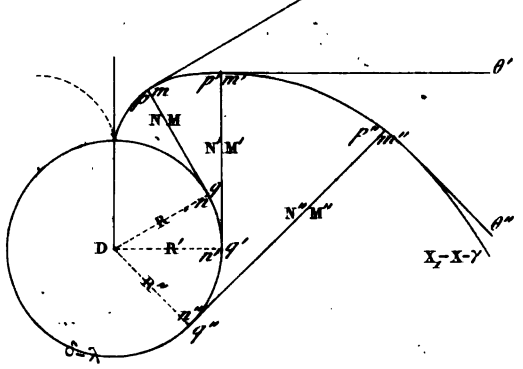


Fig. 88.



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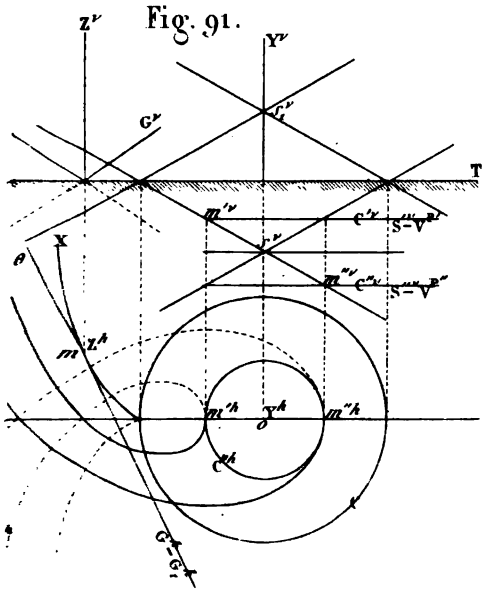

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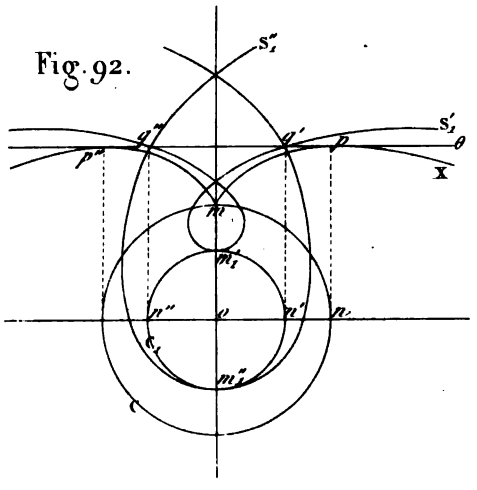
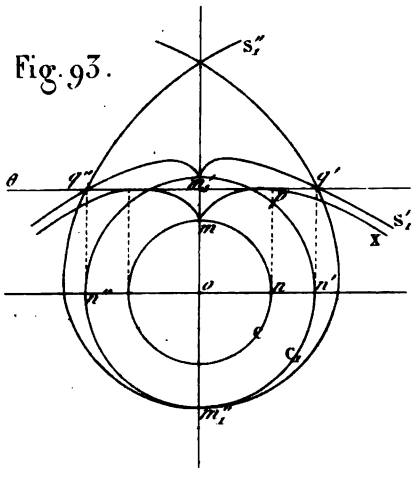
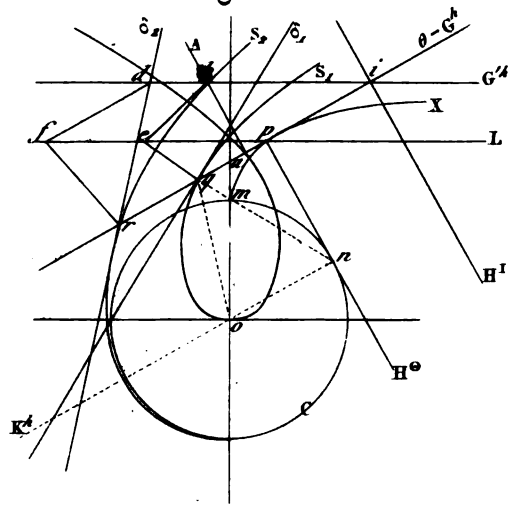


Fig. 93.



Gravé par Lemaitre

Fig. 94.



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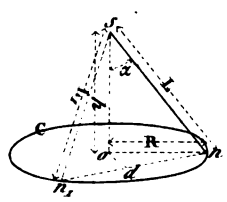

Fig. 102.

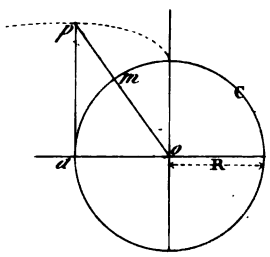

Fig. 103.

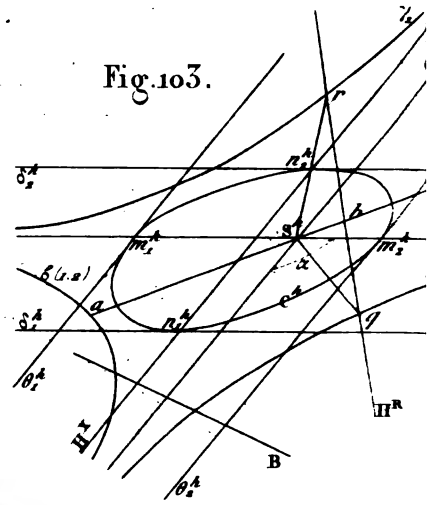

Fig. 95.

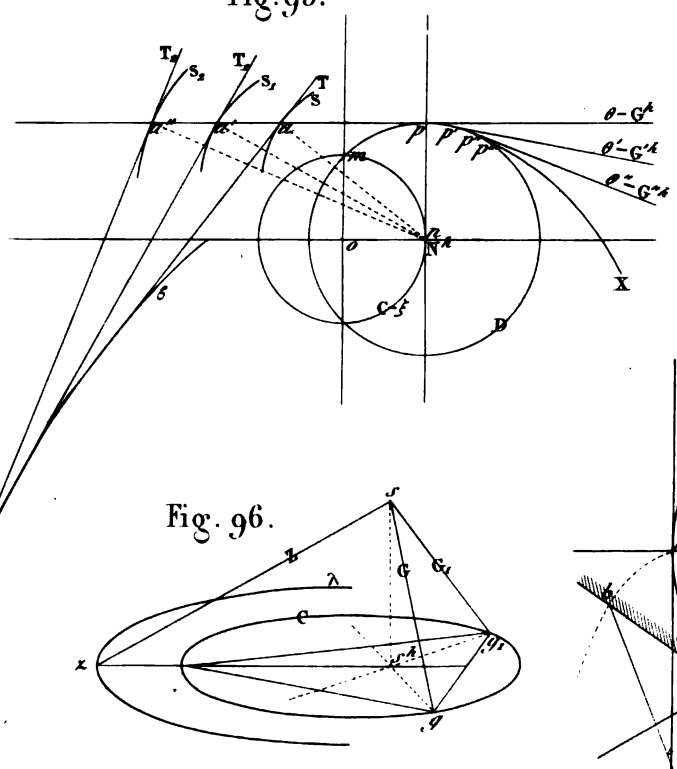

Fig. 99.

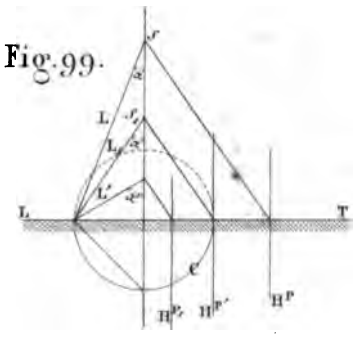

Fig. 96.

Fig. 100.

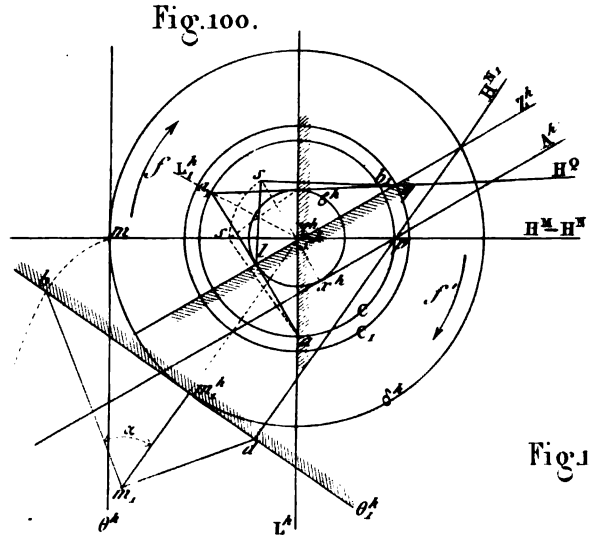

Fig. 97.

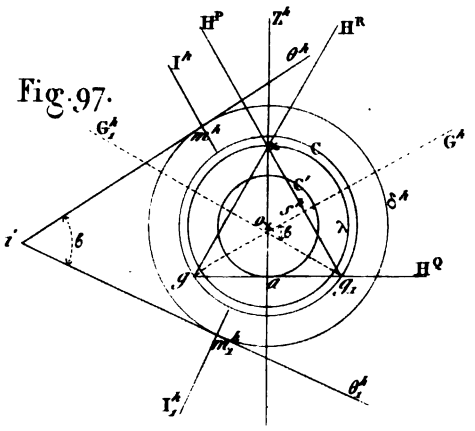

Fig. 101.

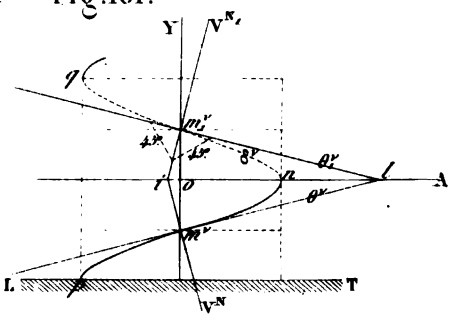

Fig. 104.bis

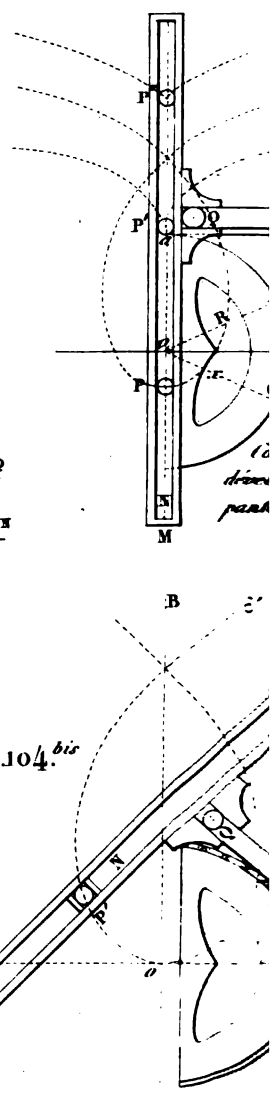

Fig. 104.ter

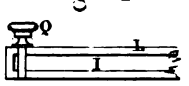

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Fig. 105.

Compas pour tracer une spirale d'archimède ô quelque soit son paramètre Eq. (ρ = a ω)

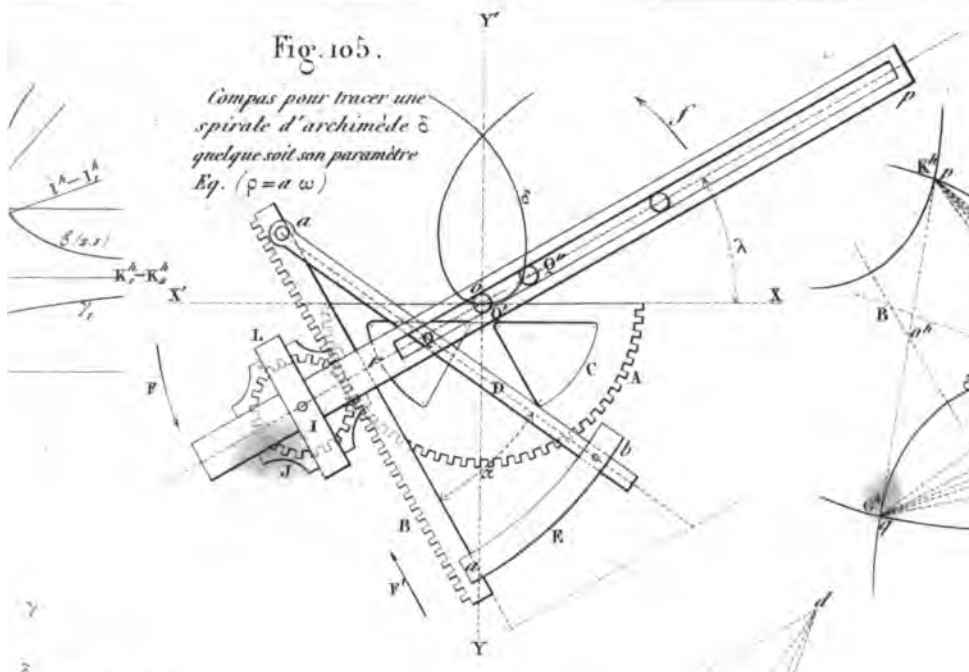


Fig. 108.

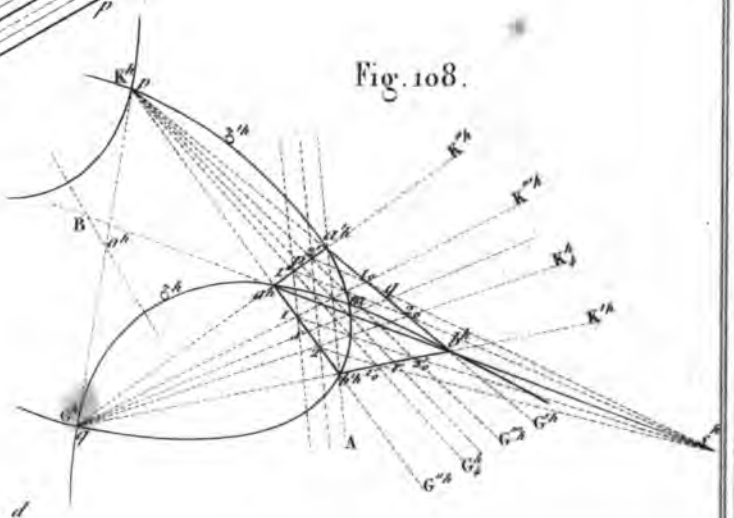


Fig. 104.

pour tracer toutes les des γ δ d'une développ- un cercle du rayon R.

Fig. 106.

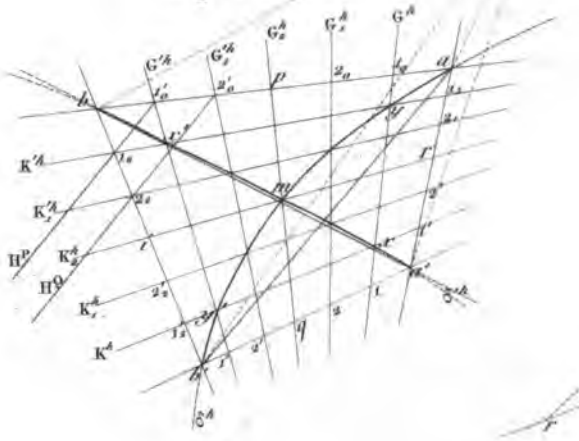


Fig. 110.

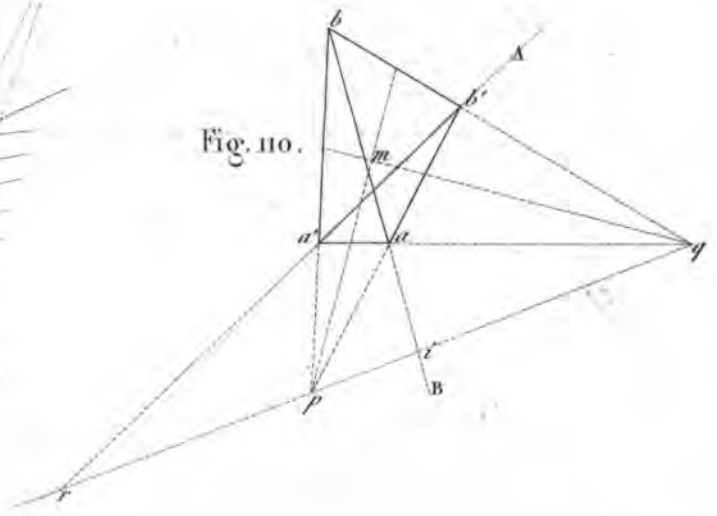


Fig. 107.

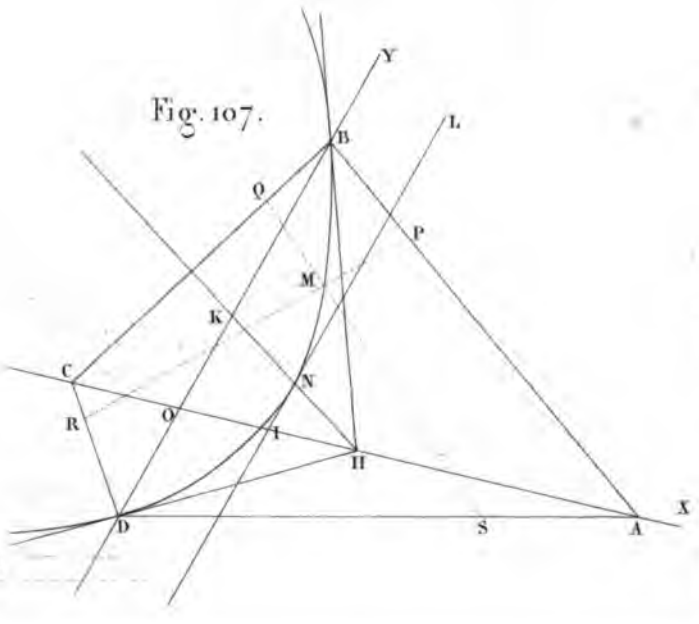
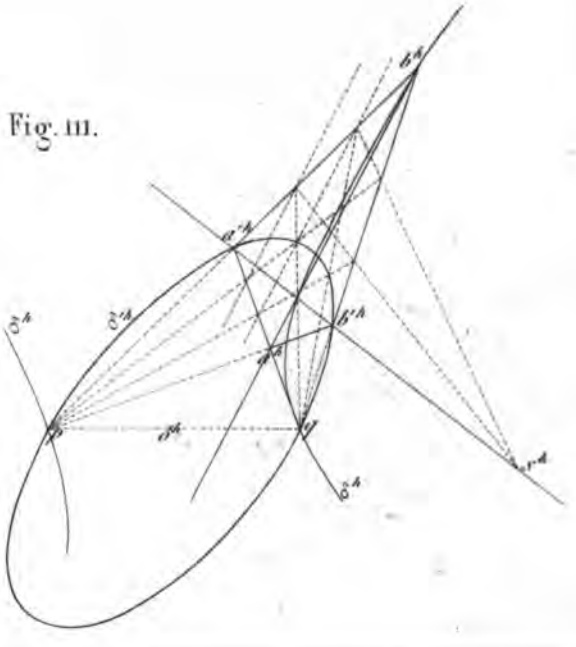


Fig. 111.



Gravé par Lemaitre.

Fig. 109.

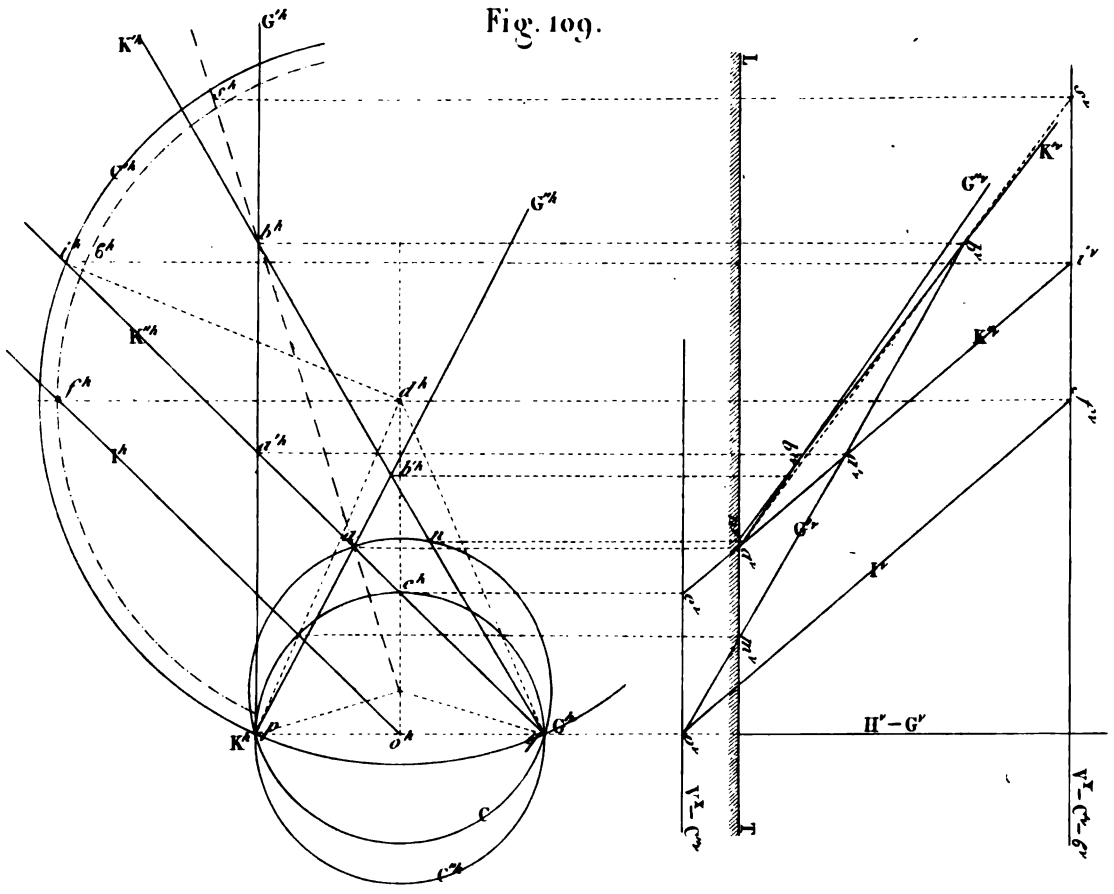


Fig. 116.

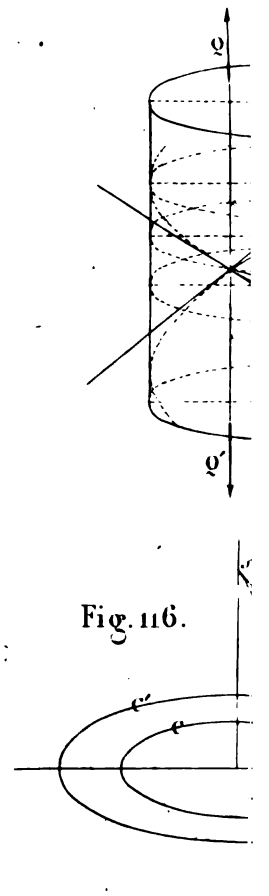


Fig. 115.

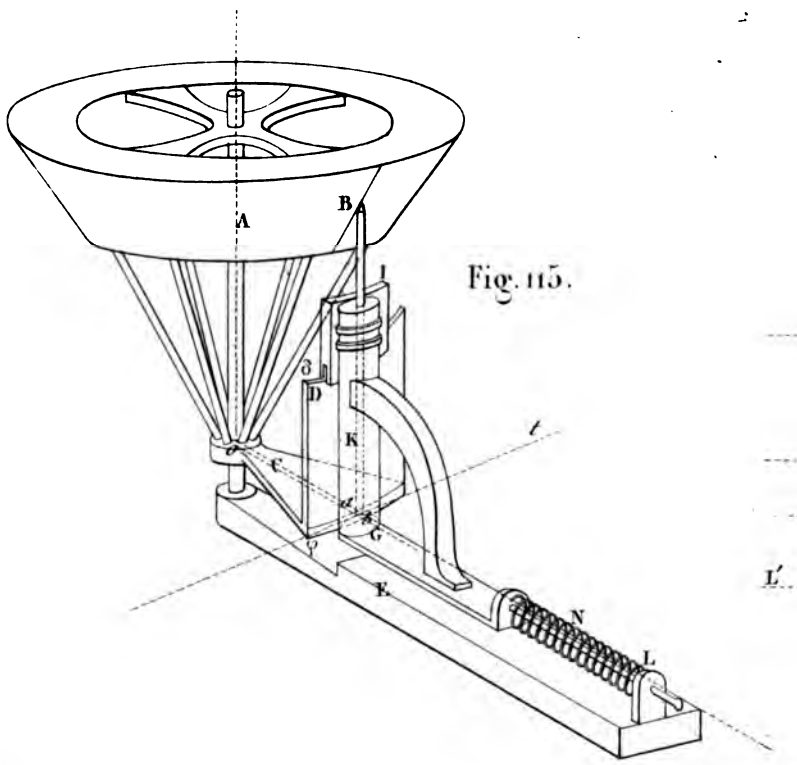
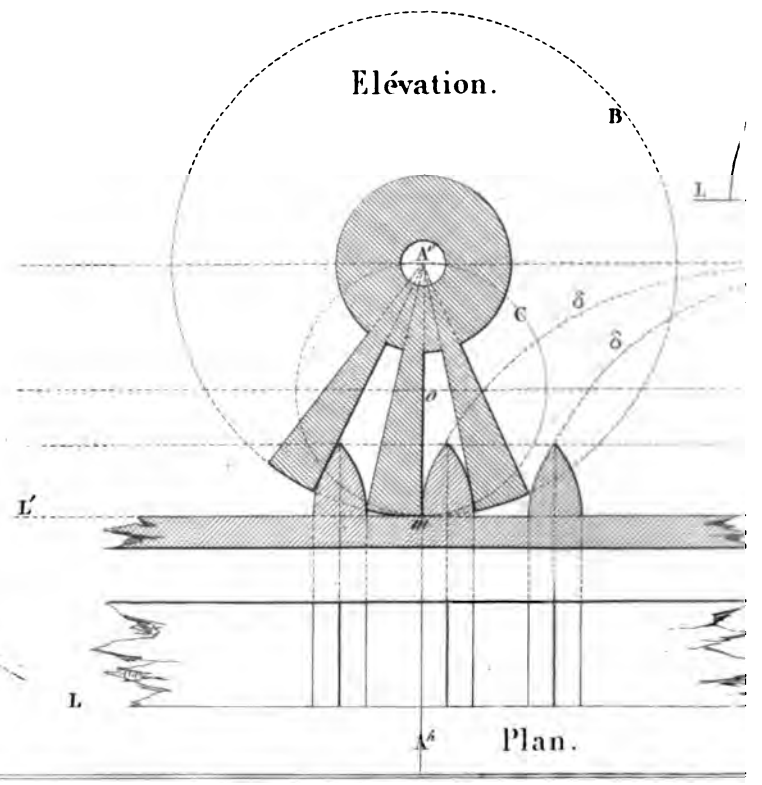


Fig. 117.



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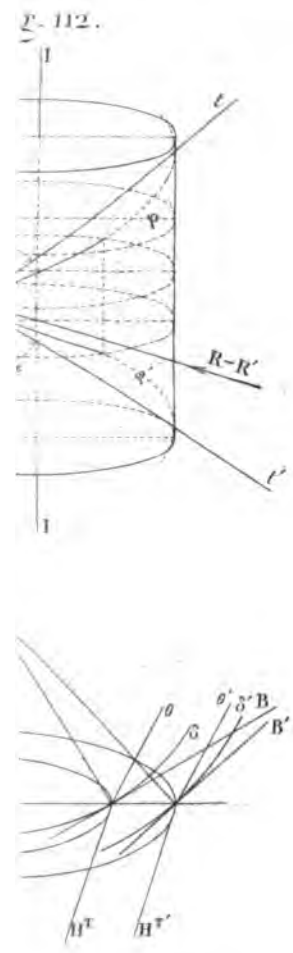


Fig. 113.

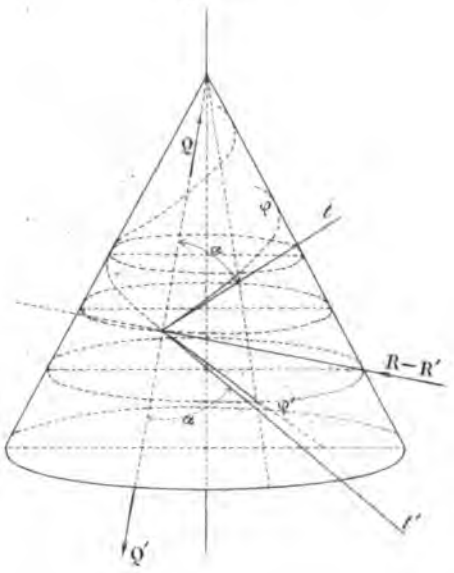


Fig. 114.

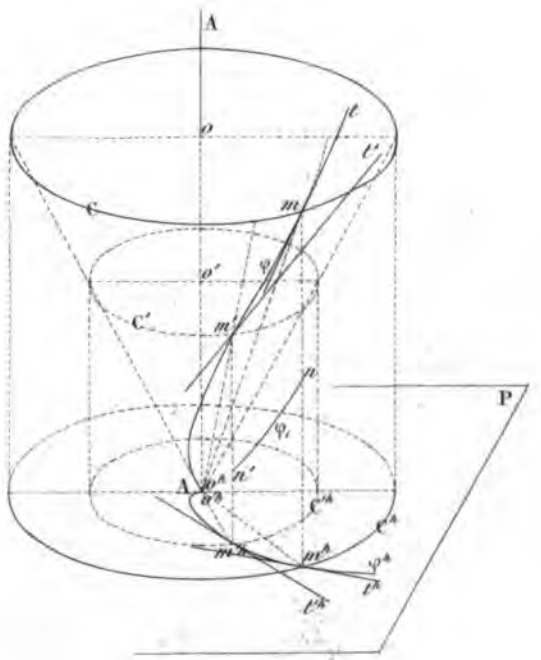
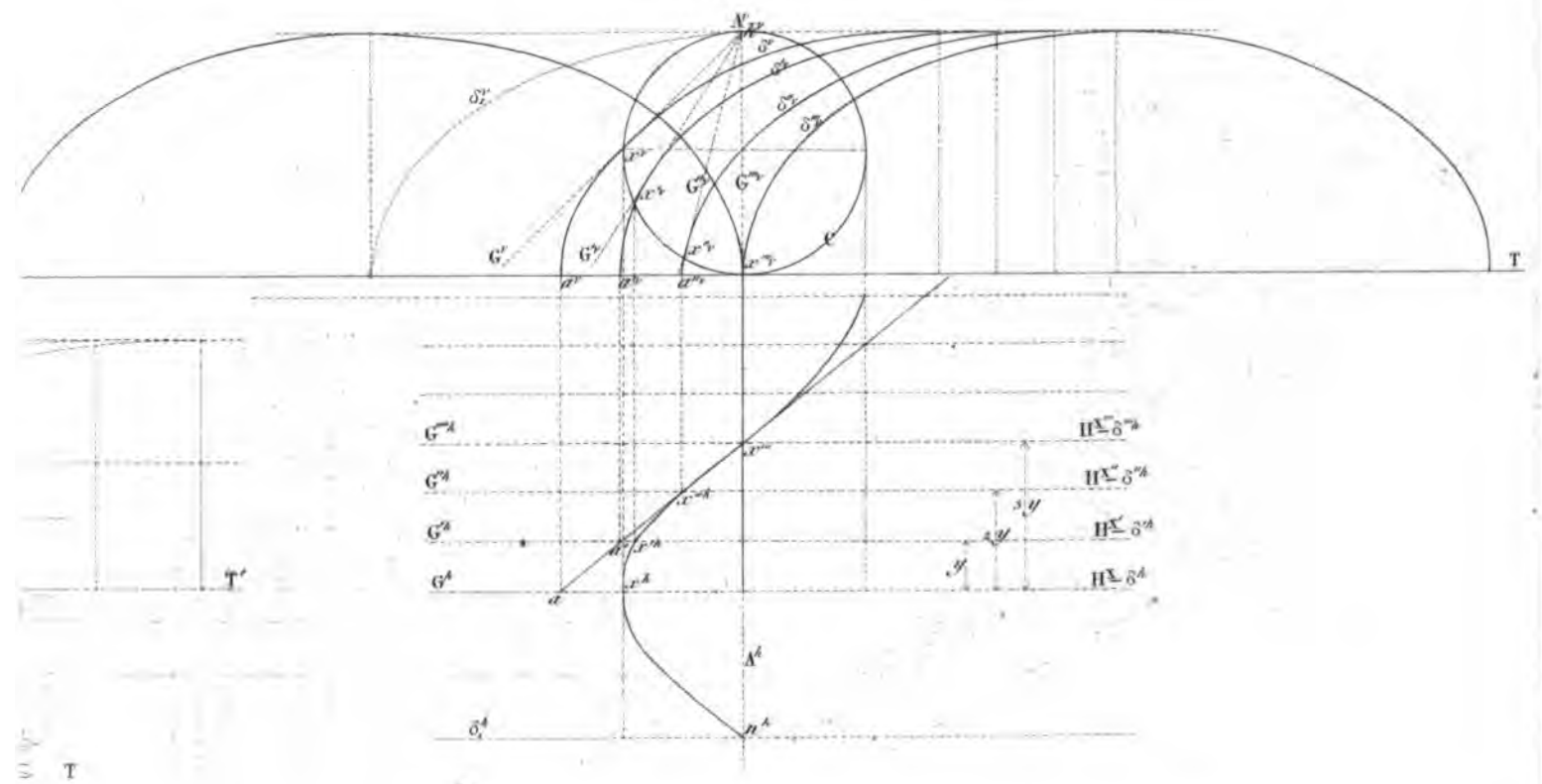


Fig. 118.



Gravé par Lemaitre

Fig. 119.

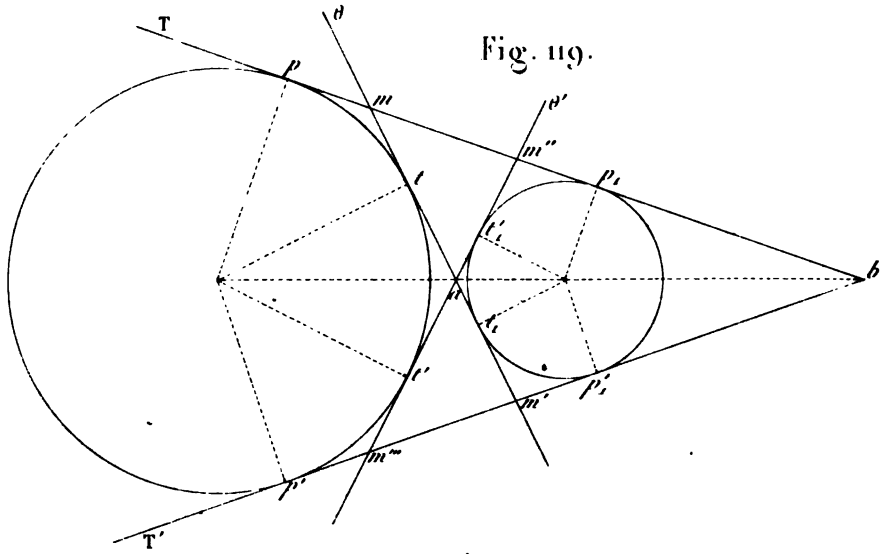
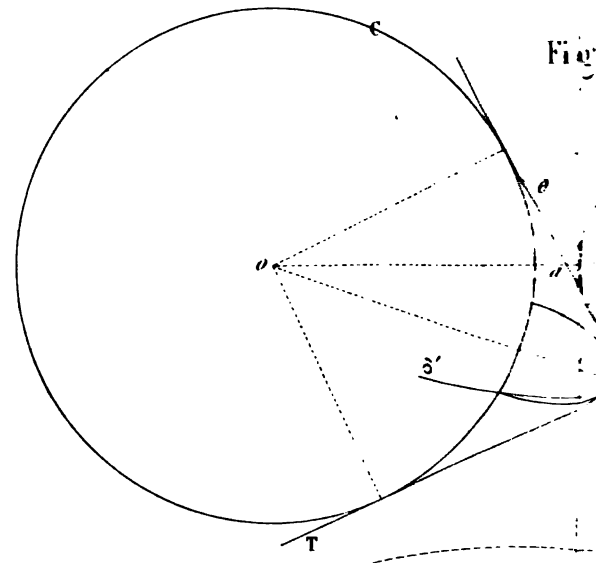


Fig.



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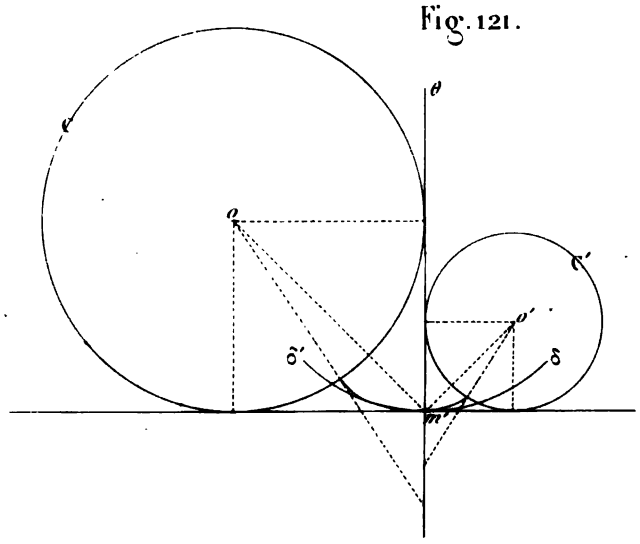


Fig. 121.bis

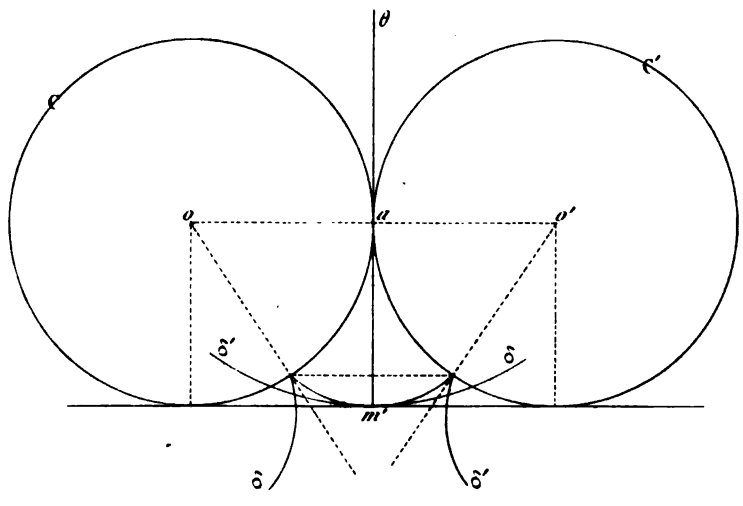
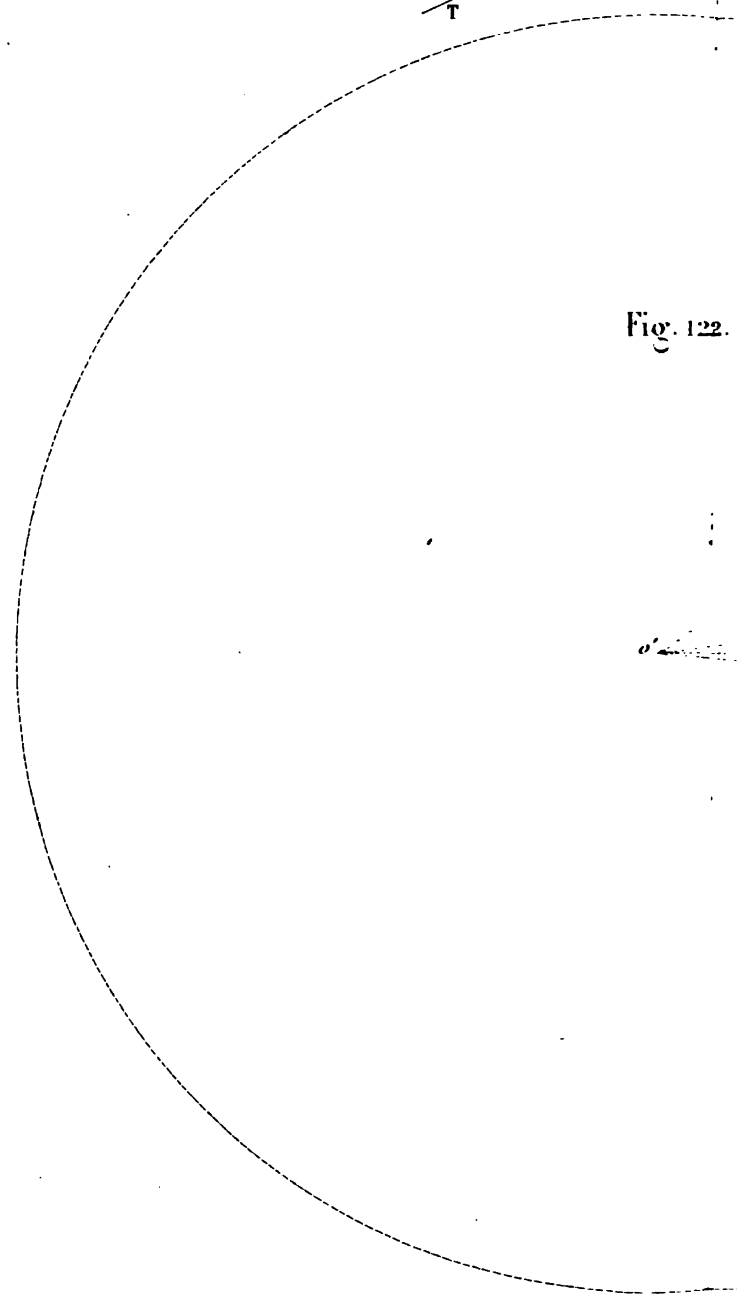


Fig. 122.



Dessiné par Théodore Olivier.

. 120.

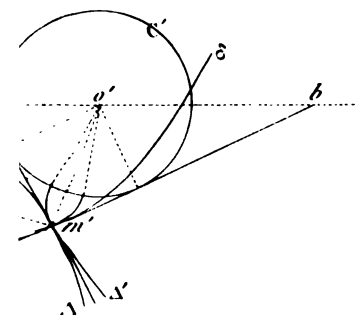
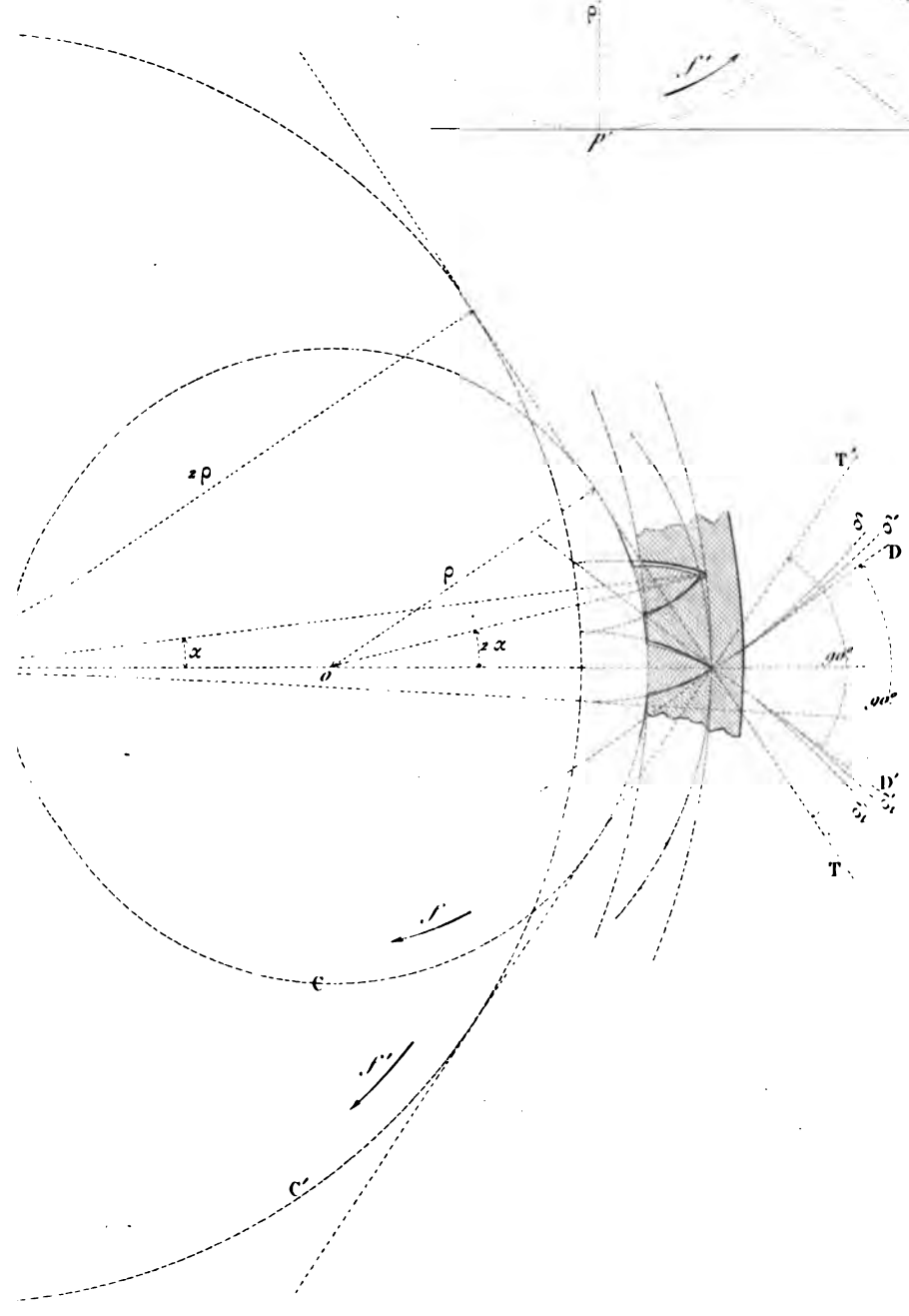
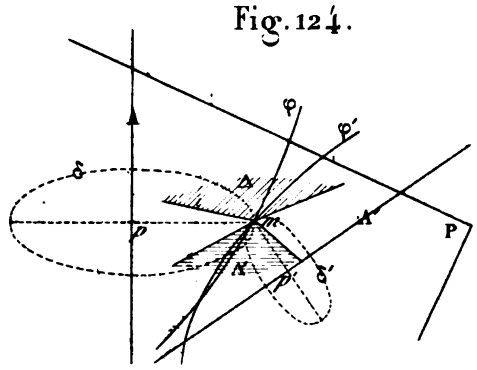


Fig. 123.



Gravé par Lemaître.

Fig. 124.



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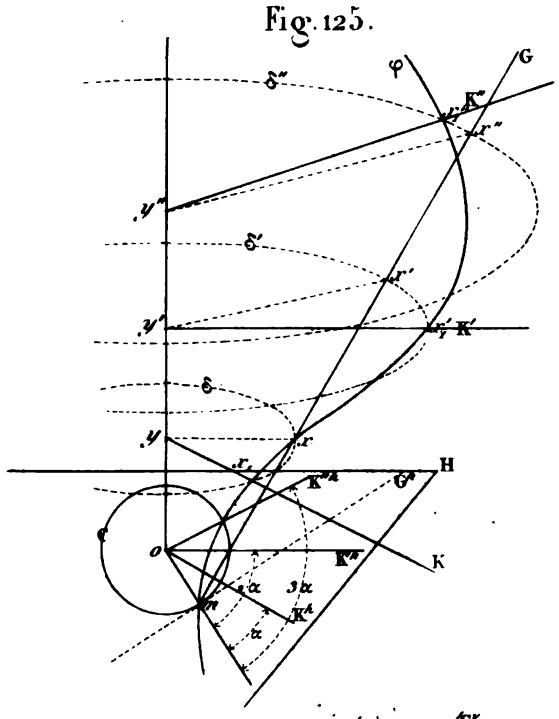
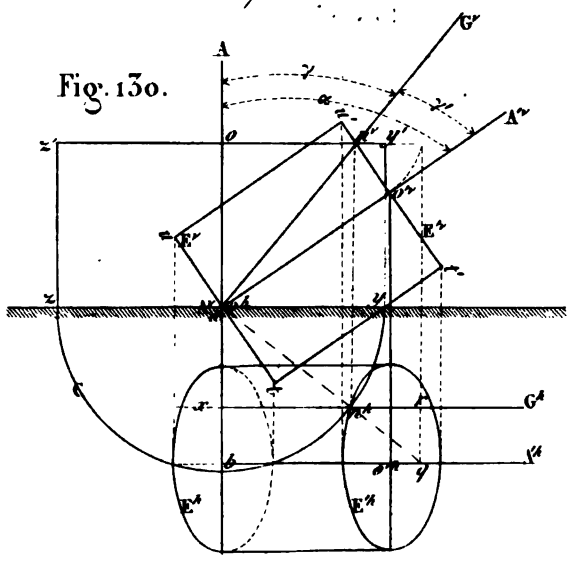


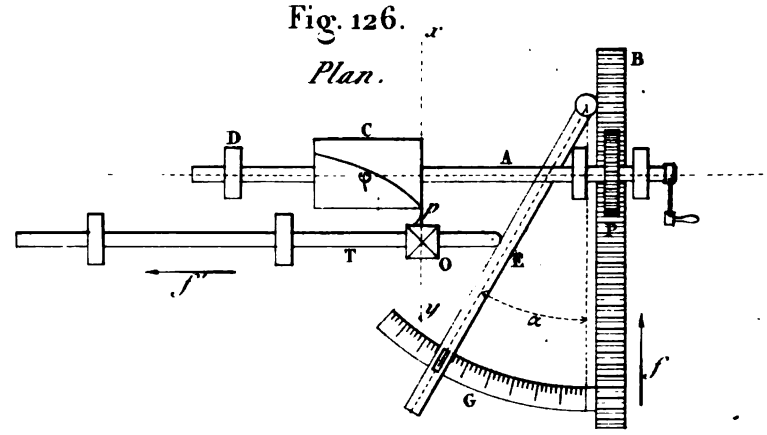
Fig. 130.



Tracé de la spirale cylindrique.

Fig. 126.

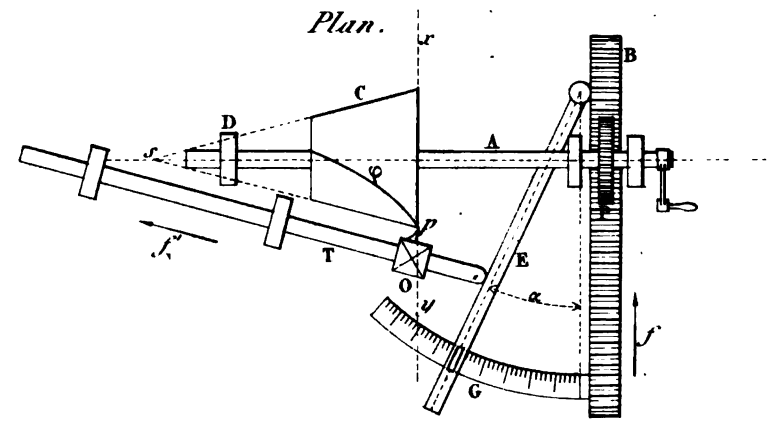
Plan.



Tracé de la spirale conique.

Fig. 127.

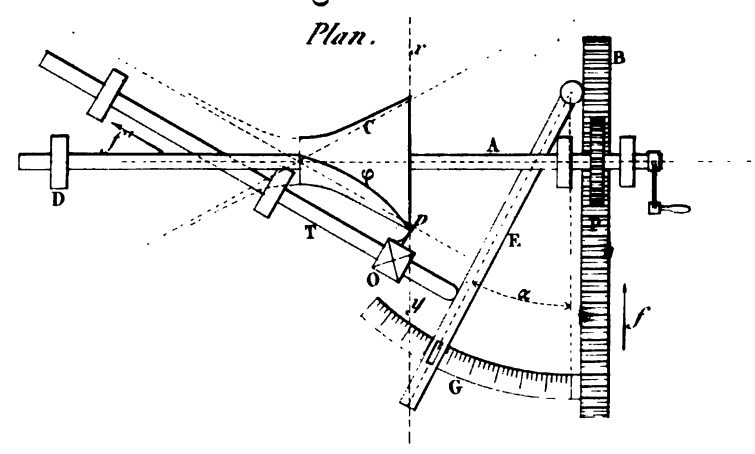
Plan.



Tracé de la spirale hyperboloïdique.

Fig. 128.

Plan.



Dessiné par Théodore Olivier.

Coupe suivant x, y.

Fig. 126.bis

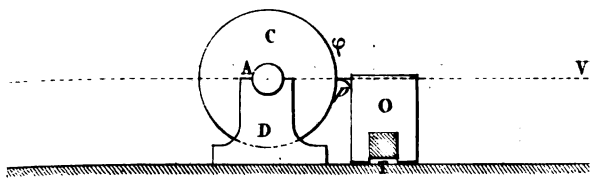


Fig. 129.

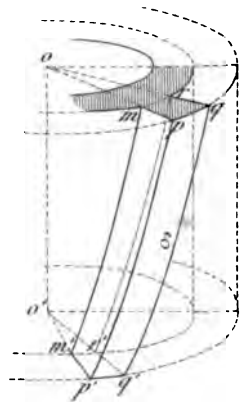
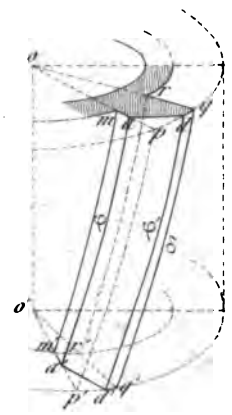


Fig. 129.bis



Coupe suivant x, y.

Fig. 127.bis

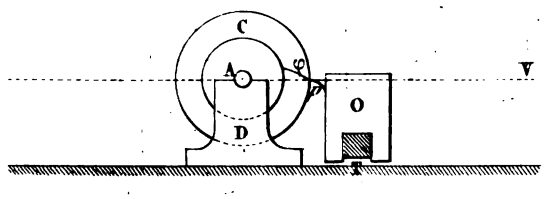
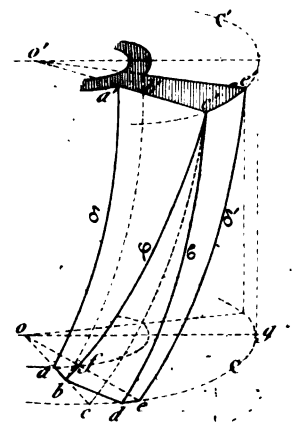


Fig. 131.



Coupe suivant x', y'.

Fig. 128.bis

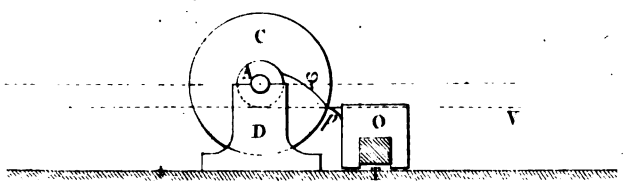
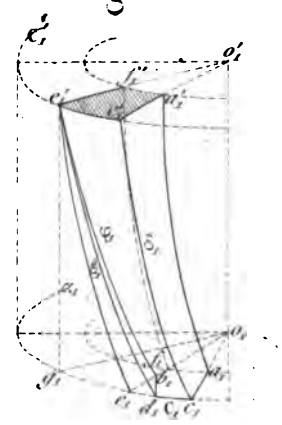


Fig. 132.



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